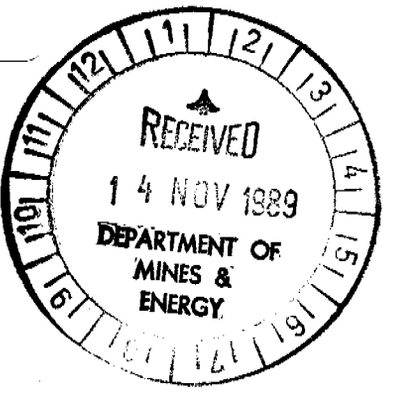
OPEN FILE



CRA EXPLORATION PTY. LIMITED

EL 5477 MOUNT FELIX, N.T.

SECOND ANNUAL REPORT
YEAR ENDING 14th. OCTOBER 1989

SUBMITTED BY : H.J.ROIKO

ACCEPTED BY : W.H.JOHNSTON

DATE : OCTOBER 1989

COPIES TO : N.T. DEPARTMENT OF MINES AND ENERGY

CRAE CIS, CANBERRA

CRAE DARWIN

MAP REFERENCE

SF 53-9 Katherine

REPORT No. 16099

CONTENTS PAGE No.

1. SUMMARY

Mt. Felix tenure was obtained to assess the gold and diamond potential of Lower Proterozoic Edith River Group intrusives, volcanics and sediments enclosing an inlier of regionally prospective El Sherana Group sediments and volcanics intruded by Maude Dolerite and greisenized Yeuralba granite.

Detailed stream sediment, gravel and float/outcrop sampling was undertaken as followup to anomalous gold and kimberlitic indicator minerals defined from the reconnaissance sampling during 1988. Overall, 64 multifraction stream sediment samples, 12 heavy mineral trapsite gravel samples and 30 rock samples were collected utilising helicopter support.

Results to hand from the followup failed to reproduce or upgrade previous anomalies.

The mandatory 50 % ground reduction has been made and expenditure commitments for tenure year 2 were met.

2. Introduction

Mt. Felix EL 5477 was granted to CRA Exploration on 14th. October, 1987 covering 141 blocks (468 square kilometres) centered approximately 60 kilometres ENE of Katherine township. Ground acquisition was based primarily on the area's potential for hosting gold mineralisation in prospective Early Proterozoic sediments and volcanics known to be auriferous elsewhere in the Pine Creek Geosyncline (Coronation Hill, Maude Creek, Mount Todd).

The geology of the area is described in CRAE first annual report for Mt. Felix (rep.No. 15343). Briefly, the ELA covers Lower Proterozoic Edith River Group granites, volcanics and sediments enclosing an inlier of El Sherana Group greywackes and tuffs intruded by Maude Dolerite and greisenized Yeuralba Granite.

Year one exploration incorporated a reconnaissance - 80 # stream sediment sampling program with a wide range of multi-element analyses in conjunction with a "heavy mineral trapsite" gravel sampling program for identification of possible diamonds and kimberlitic indicator minerals. Evaluation of the data from the reconnaissance sampling defined gold anomalous drainages and chromite bearing samples warranting followup.

This report outlines results of year two exploration activities and constitutes the second annual report for Mt. Felix EL 5477.

3. Conclusions

Results of multiple fraction stream sediment resampling and upstream followup sampling of priority gold anomalous drainages failed to repeat or upgrade the elevated values returned from the 1988 reconnaissance program. Consequently the potential of the area to host economic gold mineralisation is significantly downgraded.

Detailed followup in the Hindrance Creek catchment of a single reported chromite returned 3 further scattered chromites. Microdiamond results are still not to hand. No significantly altered or kimberlitic float was observed and no anomalous float geochemistry was returned. Little prospectivity for substantial gold mineralisation or diamondiferous source rocks is considered to exist in the area of investigation.

4. Exploration Activities

A helicopter supported reconnaissance drainage sampling programme was conducted over the 486 sq.km. tenement area in mid 1988 in order to locate areas likely to contain potentially significant gold mineralization. 76 geochemical -80# stream sediment and 50-2mm trap site drainage gravel samples were collected from selected sites.

Geochemical results indicate anomalous gold present in several drainages, with a best result of 0.386 ppm Au, from a site in the east of the tenement area.

Marginally anomalous values of base metal, typical trace element alteration/mineralization pathfinders (As, Te, Sb, Nb) and radioactive elements also occur, both in conjunction with anomalous gold and non detectable gold (<0.008 ppm Au 30gm fire assay/AAS).

Following reassessment of results from the 1988 reconnaissance stream sediment sampling program, priority followup was given to two drainages returning anomalous gold dispersion trains in the eastern part of the EL. A composite 58 square kilometre catchment area covering the middle and upper reaches of southern tributaries of Grace Creek and Eva Creek was defined as the potential source area of the elevated gold values (0.03 ppm Au & 0.386 ppm Au respectively). Detailed followup was conducted within the area.

Microdiamond and kimberlitic indicator mineral results for the 1988 "heavy mineral trapsite" sampling were not available at year one report date. Subsequent processing returned three chromites (sample numbers 1313561, 1313641,1313623) and four microdiamonds (1313567(2), 1313603(1), 1313607(1)). Anomalous sample sites were widely scattered within the EL area. One chromite was followed up during year 2 tenure.

4.1 Follow-up Stream Sediment/Float & Outcrop Sampling

A helicopter supported multiple fraction stream sediment sampling program was conducted as detailed resample and upstream followup to two gold anomalous samples (1313618, 0.03 ppm Au; 1313651, 0.386 ppm Au) in southern tributaries of Grace and Eva Creeks respectively. In all, 64 sites were sampled paying particular attention to the collection of active fine grained river sediment. Each sample was fractionated into the following standard mesh sizes in the field : -20 + 40#, -40 + 80#, -80 + 200# and -200#. This resulted in the collection of 256 samples at an overall sampling density of 1:0.9 square kilometres. The samples were submitted to Analabs in Darwin for analysis of a wide range of elements.

Thirty float and/or outcrop grab samples of visibly altered quartz veined or mineralised lithologies were collected in conjunction with the stream sediment sampling. Dominant rock types included quartz feldspar porphyry, granite, bleached sandstone and diorite. In particular, rocks showing evidence of secondary mineral staining, vughy quartz veining, silicification, jointing and chlorite alteration were sampled. Rock type descriptions are appended (Appendix II). Samples were dispatched to Analabs in Darwin for multi-element analysis.

4.1.1 Geochemistry

A complete list of assayed elements, analytical techniques and detection limits is tabulated in Table 1. Stream sediment and rock assay results are appended (Appendix I). Plans NTd 4845 to 4847 present sample locations, stream sediment assay results for Au and Ag and float/outcrop analytical results.

The followup stream sediment results failed to return anomalous values, in particular the original elevated gold values could not be repeated in any of the samples (0.386 ppm Au site resampled returned < 0.008 ppm for all fractions). Basic statistical interpretation of the stream sediment data base showed no anomalous results for the 18 analysed elements with upper and lower limits within expected background ranges for the lithologies encountered. On the basis of the low assays returned from the followup sampling, it is possible that some laboratory contamination has occurred.

Rock sample geochemistry was similarly background average with respect to crustal abundance for most elements. No samples returned anomalous base or precious metal assays. An outcrop grab sample of strongly iron mineralised quartz sandstone (sample number 1314814) assayed 4250 ppm vanadium and 350 ppm arsenic. Other ferruginous sandstones generally returned elevated V (500-1750ppm) and As (37-90 ppm) as well. The significance of these anomalous results is not clearly understood, but when considered with the absence of other mineralisation/alteration geochemistry of the target commodities sought, they do not appear to represent any economic potential.

4.2 Followup Heavy Mineral Sampling

Gravel sample (-2mm heavy mineral trapsite) locations are presented on Plans NTd 4750 & NTd 4844 and indicator mineral results are tabulated in Appendix IV. Two microdiamonds were recovered from sample 1313567 in the lower reaches of Emu Creek, 1 microdiamond (1313603) from a western tributary in the upper reaches of Emu Creek, and 1 microdiamond (1313607) from the headwaters region of Sandy Creek. Randomly scattered microdiamonds are relatively widespread in the northern parts of the N.T. and are not considered priority targets unless accompanied by other kimberlitic indicators.

Three widely seperated samples 1313561,1313641 and 1313623 returned single chromite grains. In followup of the Hindrance Creek chromite (sample site 1313641), twelve "heavy mineral trapsite" samples, utilising helicopter support, were collected including a 3 bag, 60 kilogram anomalous site resample and all subsidiary drainages within the anomalous catchment area. The samples were submitted to CRAE Belmont laboratory for kimberlitic indicator and diamond observation. Results to hand included 3 single chromites representing separate catchments. No significant chromite trains or source areas were defined.

5. References

Needham, R.S. & Stuart-Smith, P.G. 1984 - Solid geology of the Pine Creek Geosyncline N.T. 1:500 000 Scale

Graham, B.J. 1988 - EL 5477 Mt. Felix N.T.
Annual Report year ending 14th. October 1988
CRAE Report No. 15343

6. Keywords

Gold, diamonds, LR Proterozoic, Assays Geochem, Diamond Indicators, Geochemistry Drainage, Pine Creek Geosyncline,Katherine, Mt.Felix EL 5477

7. Location

Katherine SF53-9

8. List of Plans

Plan No.	Title	Scale
NTd 4550	Mt.Felix EL 5477 - Location Plan	1:250 000
NTd 4750	Gravel Sample Location Plan 1988 Reconnaissance Sampling	1:100 000
NTd 4844	Follow up Gravel Sample Locations Hindrance Creek Area	1:50 000
NTd 4845	Multifractional Stream Sediment Geochemical Results Au:Ag	1:20 000
NTd 4846	Rock - Float & Outcrop Samples Assay Results	1:20 000
NTd 4847	Stream Sediment and Float/Outcrop Location Plan	1:20 000

TABLE 1 ANALYTICAL TECHNIQUES

Elements, Analytical Techniques & Detection Limits
For Sizefractions -20 + 40#, -40 + 80#, -80 + 200#

Element	Method	Detection Limit (ppm)
Au	Fire Assay Fusion / AAS	0.008
As	Vapour Generation / AAS	1.0
Te	Vapour Generation / AAS	0.5
Sb	Vapour Generation / AAS	0.2
Mo	Pressed Powder X-Ray Fluorescence	3.0
Th	Pressed Powder X-Ray Fluorescence	4.0
Nb	Pressed Powder X-Ray Fluorescence	3.0
Sn	Pressed Powder X-Ray Fluorescence	3.0
Cu	Atomic Absorption Spectrometry	5.0
Pb	Atomic Absorption Spectrometry	5.0
Zn	Atomic Absorption Spectrometry	5.0
Ni	Atomic Absorption Spectrometry	5.0
Co	Atomic Absorption Spectrometry	5.0
Cr	Atomic Absorption Spectrometry	5.0
Mn	Atomic Absorption Spectrometry	5.0
V	Atomic Absorption Spectrometry	10.0
Ag	Atomic Absorption Spectrometry	0.5
U	Fluorimetry	0.1

-200# Fraction was assayed for Au, As, Cu, Pb, Zn and U
Rock samples were analysed for the above 18 elements plus W by Pressed Powder XRF to a detection limit of 20ppm.

APPENDIX I

STREAM SEDIMENT AND ROCK SAMPLE ASSAY RESULTS

ANALABS

A Division of Inchcape Inspection and Testing Services Australia Pty. Ltd.
A division of MacDonald Hamilton & Co. Pty. Ltd. (inc NSW)

STREAM SEDIMENT

(089) 84 3849 | Cnr Coonawarra & Mataraa Rds, Winnellie | Fax: (089) 84 3984

ANALYTICAL REPORT No. 15.8.14.02990

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

CRA EXPLORATION
PO.BOX 39598

WINNELLIE N.T 0821

ORDER No.	PROJECT
37682	

DATE RECEIVED	RESULTS REQUIRED
21/10/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
9	09/11/88	1	63

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	SS Prep: 013,017	Au,Au(1),Au(2)/309
Various	SS	Cu,Pb,Zn,Co,Ni,Cr,Ag,V,Mn/101,As/114,Te/116,Sb/
Various	SS	Mo,Nb,Th,Sn/401

RESULTS TO

B GRAHAM
CRA EXPLORATION PTY LTD
PO BOX 39598

WINNELLIE NT 0821

RESULTS TO

RESULTS TO

REMARKS

RECEIVED
11 NOV 1988

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	1 OF 9

TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1315851	<10	5	190	5	10	10	25	5	15
2	1315855	<10	10	170	5	5	5	20	4	6
3	1315859	<10	10	160	5	5	10	35	3	15
4	1315866	10	10	200	5	<5	15	35	1	15
5	1315867	10	10	195	5	5	10	20	2	8
6	1315871	10	10	150	5	<5	5	30	3	10
7	1315875	20	5	255	<5	<5	5	25	5	9
8	1315879	10	15	265	10	15	15	30	5	15
9	1315883	<10	15	160	5	5	10	25	6	10
10	1315887	<10	10	190	5	10	15	25	4	9
11	1315892	20	5	160	5	<5	5	20	3	10
12	1315896	20	5	170	5	<5	5	35	4	15
13	1315900	<10	5	130	5	5	5	25	2	10
14	1315921	<10	10	170	5	5	5	20	2	7
15	1315925	10	5	120	<5	<5	<5	10	2	7
16	1315929	<10	10	200	5	<5	5	20	1	10
17	1315933	20	5	180	5	5	5	35	2	8
18	1315937	20	10	190	5	<5	5	20	2	15
19	1315941	20	10	170	5	10	5	25	2	15
20	1315945	20	5	165	5	<5	5	35	2	10
21	1314701	10	10	200	5	15	5	35	2	10
22	1314705	<10	10	135	5	10	5	25	2	10
23	1314710	<10	5	110	5	15	5	30	1	15
24	1314714	20	10	100	5	10	5	15	2	7
25	1314718	10	15	235	5	10	5	25	1	10

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		15.8.14.02990		09/11/88	37682			2 OF 9	
TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314723	10	10	150	5	10	5	30	2	10
2	1314726	<10	10	130	5	15	5	20	2	15
3	1314731	20	10	260	10	15	10	40	2	20
4	1314736	<10	5	75	5	20	5	15	2	10
5	1314744	20	5	130	5	15	5	25	2	15
6	1314748	<10	5	110	5	15	5	20	2	8
7	1314752	20	5	110	5	15	5	30	1	15
8	1314757	20	5	95	5	20	5	25	2	15
9	1314762	10	5	170	5	15	5	20	2	8
10	1314766	10	10	100	10	15	5	30	2	20
11	1314770	10	5	110	5	15	5	30	2	15
12	1314774	20	10	150	5	15	5	35	2	15
13	1314777	20	10	140	<5	15	5	30	3	15
14	1314781	20	5	120	5	15	5	15	2	3
15	1314786	20	10	100	5	15	5	20	2	10
16	1314791	<10	5	80	5	10	5	25	2	20
17	1314795	20	5	100	<5	15	<5	20	2	7
18	1314801	20	5	90	5	10	5	25	2	8
19	1314805	20	5	150	<5	15	<5	20	1	7
20	1314810	20	10	200	5	15	5	20	1	20
21	1314815	10	5	180	5	5	5	35	2	15
22	1314819	<10	10	100	5	<5	5	5	1	8
23	1314823	<10	10	130	5	<5	5	10	3	9
24	1314827	<10	5	100	5	<5	5	10	3	15
25	1314832	<10	<5	110	5	<5	5	10	2	8

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SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	3 OF 9

TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314836	<10	5	120	5	<5	5	15	4	15
2	1314844	<10	5	80	5	<5	5	10	1	10
3	1314848	<10	<5	100	5	5	5	5	2	15
4	1314857	<10	5	110	5	<5	5	<5	1	15
5	1314861	<10	5	100	5	<5	5	5	3	15
6	1314869	<10	5	60	5	5	5	10	2	20
7	1314874	<10	<5	110	5	<5	5	20	2	15
8	1314879	<10	5	90	5	<5	5	5	2	8
9	1314883	<10	<5	90	5	<5	5	5	2	15
10	1314887	10	<5	160	10	5	5	25	2	15
11	1314891	10	10	150	5	<5	5	20	1	20
12	1314895	<10	<5	120	5	<5	5	15	1	15
13	1314899	<10	5	90	5	<5	<5	<5	2	7
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	10	5	5	5	5	5	5	1	3
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
25	METHOD	101	101	101	101	101	101	101	114	401

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SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	4 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1315851	<3	1.0	8	0.5	<0.1	<0.008	5	30	4
2	1315855	<3	1.0	3	0.5	<0.1	<0.008	5	15	3
3	1315859	3	0.5	<3	0.5	0.1	<0.008	5	25	4
4	1315866	<3	1.0	9	0.5	<0.1	0.020	15	35	9
5	1315867	<3	<0.5	7	<0.5	<0.1	<0.008	5	15	2
6	1315871	<3	0.5	<3	0.5	<0.1	<0.008	10	15	3
7	1315875	<3	1.0	<3	0.5	0.1	<0.008	20	20	2
8	1315879	<3	1.5	<3	0.5	<0.1	<0.008	15	30	4
9	1315883	3	1.0	3	0.5	<0.1	<0.008	20	35	6
10	1315887	3	1.0	9	0.5	<0.1	<0.008	5	35	2
11	1315892	<3	1.0	8	0.5	<0.1	<0.008	5	20	2
12	1315896	<3	<0.5	9	<0.5	<0.1	<0.008	5	25	2
13	1315900	3	0.5	<3	<0.5	<0.1	0.008	10	30	2
14	1315921	5	0.5	8	0.5	<0.1	<0.008	5	15	2
15	1315925	<3	<0.5	<3	<0.5	<0.1	0.009	5	15	1
16	1315929	3	<0.5	<3	<0.5	0.1	<0.008	5	20	3
17	1315933	<3	0.5	<3	<0.5	0.1	<0.008	<5	25	4
18	1315937	5	0.5	6	<0.5	<0.1	<0.008	<5	30	4
19	1315941	3	<0.5	6	<0.5	<0.1	<0.008	5	30	4
20	1315945	3	<0.5	<3	<0.5	<0.1	<0.008	5	40	3
21	1314701	<3	<0.5	3	0.5	<0.1	<0.008	10	15	2
22	1314705	<3	<0.5	6	<0.5	0.1	<0.008	<5	20	2
23	1314710	<3	<0.5	4	<0.5	<0.1	<0.008	<5	45	3
24	1314714	<3	0.5	<3	<0.5	0.1	<0.008	<5	10	3
25	1314718	<3	<0.5	7	<0.5	<0.1	<0.008	10	30	3

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	5 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314723	3	1.0	<3	<0.5	<0.1	<0.008	5	15	2
2	1314726	4	1.0	<3	<0.5	<0.1	<0.008	<5	20	2
3	1314731	<3	0.5	<3	<0.5	<0.1	<0.008	15	30	5
4	1314736	5	1.0	<3	<0.5	<0.1	<0.008	<5	15	4
5	1314744	<3	0.5	7	<0.5	<0.1	<0.008	5	25	4
6	1314748	3	0.5	<3	<0.5	<0.1	<0.008	5	20	5
7	1314752	3	0.5	6	<0.5	<0.1	<0.008	<5	30	3
8	1314757	<3	0.5	9	<0.5	<0.1	<0.008	10	30	4
9	1314762	<3	<0.5	5	0.5	<0.1	<0.008	5	25	4
10	1314766	<3	<0.5	6	0.5	<0.1	<0.008	<5	25	4
11	1314770	<3	0.5	9	<0.5	0.1	<0.008	5	35	4
12	1314774	3	<0.5	<3	<0.5	<0.1	<0.008	5	40	4
13	1314777	<3	<0.5	3	<0.5	<0.1	<0.008	<5	40	5
14	1314781	<3	<0.5	6	<0.5	<0.1	<0.008	<5	10	<1
15	1314786	<3	<0.5	<3	<0.5	<0.1	<0.008	<5	20	2
16	1314791	<3	<0.5	<3	<0.5	<0.1	<0.008	5	35	5
17	1314795	<3	<0.5	<3	<0.5	<0.1	<0.008	<5	15	2
18	1314801	<3	<0.5	5	<0.5	<0.1	<0.008	<5	25	3
19	1314805	<3	0.5	8	<0.5	<0.1	<0.008	5	20	3
20	1314810	<3	0.5	<3	<0.5	<0.1	<0.008	<5	35	4
21	1314815	<3	0.5	<3	<0.5	<0.1	<0.008	5	40	4
22	1314819	<3	1.5	<3	0.5	<0.1	<0.008	5	15	2
23	1314823	3	0.5	<3	0.5	<0.1	<0.008	10	30	2
24	1314827	3	0.5	<3	0.5	<0.1	<0.008	5	30	2
25	1314832	<3	<0.5	<3	<0.5	<0.1	<0.008	5	20	2

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	6 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314836	<3	<0.5	4	<0.5	<0.1	<0.008	5	30	2
2	1314844	<3	0.5	<3	0.5	<0.1	<0.008	<5	15	3
3	1314848	<3	<0.5	7	0.5	0.1	<0.008	5	50	4
4	1314857	<3	<0.5	3	0.5	<0.1	<0.008	<5	10	1
5	1314861	<3	<0.5	<3	0.5	<0.1	<0.008	<5	15	4
6	1314869	<3	<0.5	6	<0.5	<0.1	<0.008	10	35	4
7	1314874	<3	0.5	<3	<0.5	0.1	<0.008	15	25	2
8	1314879	<3	<0.5	<3	<0.5	<0.1	<0.008	5	8	2
9	1314883	<3	<0.5	6	<0.5	<0.1	0.008	5	25	2
10	1314887	<3	<0.5	6	0.5	<0.1	<0.008	<5	20	4
11	1314891	<3	0.5	7	0.5	<0.1	<0.008	5	25	2
12	1314895	<3	<0.5	<3	0.5	<0.1	<0.008	10	35	4
13	1314899	<3	<0.5	4	<0.5	<0.1	<0.008	<5	10	2
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	3	0.5	3	0.5	0.1	0.008	5	4	1
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	ppm
25	METHOD	401	101	401	117	116	309	101	401	126

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A Division of Inchcape Inspection and Testing Services Australia Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	7 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1315851	–	–							
2	1315855	–	–							
3	1315859	–	–							
4	1315866	–	–							
5	1315867	–	–							
6	1315871	–	–							
7	1315875	–	–							
8	1315879	–	–							
9	1315883	–	–							
10	1315887	–	–							
11	1315892	–	–							
12	1315896	–	–							
13	1315900	–	–							
14	1315921	–	–							
15	1315925	–	–							
16	1315929	–	–							
17	1315933	–	–							
18	1315937	–	–							
19	1315941	–	–							
20	1315945	–	–							
21	1314701	–	–							
22	1314705	–	–							
23	1314710	–	–							
24	1314714	–	–							
25	1314718	–	–							

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02990	09/11/88	37682	8 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1314723	–	–							
2	1314726	–	–							
3	1314731	–	–							
4	1314736	–	–							
5	1314744	–	–							
6	1314748	–	–							
7	1314752	–	–							
8	1314757	–	–							
9	1314762	–	–							
10	1314766	–	–							
11	1314770	–	–							
12	1314774	–	–							
13	1314777	–	–							
14	1314781	–	–							
15	1314786	–	–							
16	1314791	–	–							
17	1314795	–	–							
18	1314801	–	–							
19	1314805	–	–							
20	1314810	–	–							
21	1314815	–	–							
22	1314819	–	–							
23	1314823	–	–							
24	1314827	–	–							
25	1314832	–	–							

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

	15.8.14.02990	09/11/88	37682	9 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1314836	–	–							
2	1314844	–	–							
3	1314848	–	–							
4	1314857	–	–							
5	1314861	–	–							
6	1314869	–	–							
7	1314874	–	–							
8	1314879	–	–							
9	1314883	–	–							
10	1314887	–	–							
11	1314891	–	–							
12	1314895	–	–							
13	1314899	–	–							
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	0.008	0.008							
24	UNITS	PPM	PPM							
25	METHOD	309	309							

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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\# +80 #

STREAM SEDIMENT ASSAY RESULTS

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A Division of Inchcape Inspection and Testing Services Australia Pty Ltd
A division of MacDonald Hamilton & Co. Pty. Ltd. (Inc NSW)

(089) 84 3849 | Cnr Coonawarra & Mataram Rds, Winnellie | Fax: (089) 84 3984

ANALYTICAL REPORT No. 15.8.14.02991

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
CRA EXPLORATION
PO.BOX 39598
WINNELLIE N.T 0821

ORDER No.	PROJECT
37683	

DATE RECEIVED	RESULTS REQUIRED
21/10/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
9	08/11/88	1	65

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	SS Prep: 013,017	Au,Au(1),Au(2)/309
Various	SS	Cu,Pb,Zn,Co,Ni,Cr,Ag,V,Mn/101,As/114,Te/116,Sb/
Various	SS	Mo,Nb,Th,Sn/401

RESULTS TO
B GRAHAM
CRA EXPLORATION PTY LTD
PO BOX 39598
WINNELLIE NT 0821

RESULTS TO

RESULTS TO

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-9 NOV 1988

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	1 OF 9

TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314702	20	10	100	<5	5	5	10	2	15
2	1314706	20	20	110	<5	<5	5	10	1	20
3	1314711	20	<5	90	<5	5	5	15	1	25
4	1314715	<10	5	140	<5	<5	10	5	1	15
5	1314719	10	15	350	<5	5	5	15	3	15
6	1314724	30	10	160	<5	5	10	10	2	20
7	1314727	20	5	120	<5	<5	5	10	2	20
8	1314732	30	15	310	<5	<5	15	20	3	25
9	1314737	20	10	90	<5	<5	5	<5	1	20
10	1314740	30	15	220	<5	5	10	20	4	15
11	1314741	20	15	300	<5	5	5	20	3	15
12	1314745	10	5	130	<5	5	5	5	1	35
13	1314749	20	15	160	<5	<5	5	10	3	15
14	1314753	30	<5	115	5	5	5	15	1	40
15	1314758	30	15	110	<5	<5	5	5	1	45
16	1314763	30	10	120	<5	<5	5	10	2	20
	1314767	20	10	100	5	<5	5	10	1	40
18	1314771	30	10	100	<5	<5	5	15	1	45
19	1314775	20	10	140	<5	10	5	15	1	25
20	1314778	20	10	150	<5	5	5	10	2	35
21	1314782	30	15	80	<5	5	<5	5	1	25
22	1314787	20	20	120	5	<5	5	10	1	25
23	1314792	30	10	80	<5	<5	5	15	1	40
24	1314796	30	10	110	<5	5	5	<5	2	15
25	1314811	30	15	170	<5	5	5	10	1	35

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	2 OF 9

TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314802	30	10	100	<5	<5	5	10	6	15
2	1314806	30	10	140	5	<5	5	10	2	20
3	1314816	20	10	190	5	<5	5	5	2	25
4	1314820	20	20	120	<5	<5	5	10	1	15
5	1314824	20	5	290	<5	<5	5	10	16	25
6	1314828	30	15	120	<5	<5	5	10	1	20
7	1314833	30	15	130	<5	5	5	10	1	20
8	1314837	20	20	120	<5	<5	5	15	1	20
9	1314845	20	15	100	<5	<5	<5	10	1	15
10	1314849	20	5	120	5	<5	5	10	2	20
11	1314858	30	5	80	<5	<5	<5	<5	1	15
12	1314862	30	10	120	5	<5	10	10	2	20
13	1314870	30	10	80	<5	5	5	10	1	30
14	1314875	30	10	130	5	<5	10	15	1	15
15	1314880	30	25	120	<5	5	5	5	1	20
16	1314884	30	20	110	5	<5	5	10	1	25
	1314888	40	10	200	<5	5	5	10	2	30
18	1314892	30	15	160	<5	<5	5	10	1	30
19	1314896	30	15	170	<5	<5	5	20	1	30
20	1315901	20	10	130	<5	5	10	15	1	25
21	1315922	30	20	130	<5	5	5	15	1	20
22	1315926	10	10	100	<5	<5	5	<5	3	7
23	1315930	20	5	130	<5	5	10	20	2	20
24	1315934	30	10	290	<5	10	10	25	1	50
25	1315938	10	10	150	<5	5	5	20	2	35

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	3 OF 9

TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1315942	20	5	110	<5	10	10	30	2	20
2	1315946	20	10	180	5	5	10	35	5	20
3	1315852	10	<5	130	<5	10	10	20	2	20
4	1315856	30	5	110	<5	10	10	20	3	15
5	1315860	20	10	120	<5	10	5	20	2	25
6	1315865	20	5	160	<5	5	20	30	2	30
7	1315868	20	5	120	<5	5	5	5	2	15
8	1315872	40	10	130	5	10	10	20	2	20
9	1315876	40	15	630	<5	5	10	30	1	75
10	1315880	30	10	220	<5	5	15	25	3	20
11	1315884	30	10	140	<5	5	15	20	4	15
12	1315888	20	10	190	<5	5	15	15	3	25
13	1315893	30	10	140	<5	<5	5	15	1	25
14	1315897	20	10	130	<5	5	10	30	4	20
15	1314900	20	10	100	<5	<5	5	15	2	15
16										
18										
19										
20										
21										
22										
23	DETECTION	10	5	5	5	5	5	5	1	3
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
25	METHOD	101	101	101	101	101	101	101	114	401

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
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A Division of Inchcape Inspection and Testing Services Australia Pty Ltd

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	4 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314702	<3	<0.5	10	0.5	0.1	<0.008	5	20	<1
2	1314706	3	0.5	10	0.5	<0.1	<0.008	5	20	1
3	1314711	3	0.5	<3	0.5	0.1	<0.008	5	35	<1
4	1314715	3	<0.5	4	0.5	0.2	0.010	<5	15	<1
5	1314719	<3	0.5	6	0.5	0.2	<0.008	10	25	<1
6	1314724	5	<0.5	4	0.5	0.1	<0.008	5	20	1
7	1314727	<3	<0.5	<3	0.5	<0.1	<0.008	<5	15	<1
8	1314732	5	1.0	9	<0.5	<0.1	<0.008	5	30	1
9	1314737	4	1.5	<3	<0.5	0.1	<0.008	<5	15	<1
10	1314740	3	1.0	<3	<0.5	<0.1	<0.008	10	35	IS
11	1314741	3	0.5	3	0.5	<0.1	<0.008	15	20	2
12	1314745	4	1.0	8	0.5	<0.1	<0.008	<5	20	1
13	1314749	4	<0.5	3	0.5	<0.1	<0.008	<5	9	<1
14	1314753	3	1.0	7	<0.5	<0.1	<0.008	5	25	1
15	1314758	<3	0.5	4	0.5	0.4	<0.008	<5	35	1
16	1314763	<3	0.5	6	<0.5	<0.1	<0.008	<5	25	<1
	1314767	<3	0.5	15	<0.5	<0.1	<0.008	<5	25	<1
18	1314771	4	<0.5	5	<0.5	<0.1	<0.008	10	30	1
19	1314775	<3	<0.5	4	<0.5	<0.1	<0.008	5	25	2
20	1314778	<3	<0.5	15	<0.5	<0.1	<0.008	<5	40	3
21	1314782	<3	1.0	8	0.5	<0.1	<0.008	5	20	<1
22	1314787	5	<0.5	5	0.5	0.1	<0.008	10	15	1
23	1314792	4	0.5	6	<0.5	<0.1	<0.008	20	25	1
24	1314796	4	<0.5	4	0.5	<0.1	<0.008	5	4	<1
25	1314811	<3	<0.5	6	<0.5	<0.1	0.013	10	25	2

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	5 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314802	4	<0.5	<3	<0.5	<0.1	<0.008	<5	15	<1
2	1314806	5	<0.5	10	<0.5	<0.1	<0.008	<5	20	<1
3	1314816	<3	<0.5	4	<0.5	<0.1	<0.008	<5	25	1
4	1314820	4	<0.5	<3	<0.5	<0.1	<0.008	<5	10	2
5	1314824	3	<0.5	7	0.5	<0.1	<0.008	<5	30	<1
6	1314828	<3	<0.5	3	0.5	<0.1	0.057	<5	25	1
7	1314833	<3	<0.5	6	<0.5	<0.1	<0.008	<5	15	<1
8	1314837	<3	<0.5	<3	<0.5	<0.1	0.021	5	30	2
9	1314845	<3	<0.5	<3	<0.5	<0.1	<0.008	<5	10	<1
10	1314849	<3	<0.5	<3	<0.5	<0.1	<0.008	15	25	1
11	1314858	<3	0.5	<3	0.5	<0.1	<0.008	10	4	<1
12	1314862	5	<0.5	7	0.5	<0.1	<0.008	10	25	1
13	1314870	3	1.0	6	<0.5	<0.1	0.024	10	35	<1
14	1314875	5	<0.5	3	0.5	<0.1	0.009	<5	25	1
15	1314880	<3	<0.5	<3	0.5	<0.1	0.017	5	20	<1
16	1314884	<3	0.5	3	<0.5	<0.1	<0.008	10	10	<1
	1314888	<3	0.5	<3	<0.5	<0.1	<0.008	<5	15	<1
18	1314892	<3	1.0	4	<0.5	0.1	<0.008	<5	25	2
19	1314896	<3	0.5	6	0.5	<0.1	<0.008	<5	30	<1
20	1315901	<3	1.0	<3	0.5	<0.1	<0.008	<5	15	1
21	1315922	<3	<0.5	3	<0.5	<0.1	<0.008	5	9	<1
22	1315926	<3	<0.5	<3	0.5	<0.1	<0.008	10	<4	<1
23	1315930	<3	<0.5	5	0.5	0.1	<0.008	15	10	3
24	1315934	<3	<0.5	6	0.5	0.1	<0.008	5	30	<1
25	1315938	<3	<0.5	6	0.5	<0.1	<0.008	<5	15	1

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	6 OF 9

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1315942	<3	<0.5	3	0.5	<0.1	<0.008	15	35	1
2	1315946	<3	0.5	6	0.5	<0.1	<0.008	15	15	1
3	1315852	<3	<0.5	6	0.5	<0.1	<0.008	<5	30	1
4	1315856	<3	0.5	<3	0.5	<0.1	0.009	<5	20	1
5	1315860	<3	<0.5	10	0.5	0.1	<0.008	5	15	<1
6	1315865	<3	0.5	7	0.5	0.1	0.020	10	40	3
7	1315868	<3	0.5	<3	0.5	<0.1	<0.008	10	10	<1
8	1315872	<3	<0.5	5	<0.5	<0.1	<0.008	<5	15	<1
9	1315876	<3	0.5	6	0.5	0.1	<0.008	10	15	<1
10	1315880	<3	1.0	10	1.0	<0.1	0.011	10	25	<1
11	1315884	<3	<0.5	9	0.5	<0.1	<0.008	10	25	<1
12	1315888	<3	<0.5	5	1.0	<0.1	<0.008	5	25	<1
13	1315893	<3	<0.5	4	1.0	<0.1	0.018	5	20	<1
14	1315897	<3	0.5	5	0.5	<0.1	<0.008	5	30	2
15	1314900	<3	0.5	<3	0.5	<0.1	<0.008	10	10	<1
16										
18										
19										
20										
21										
22										
23	DETECTION	3	0.5	3	0.5	0.1	0.008	5	4	1
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	ppm
25	METHOD	401	101	401	117	116	309	101	401	126

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	7 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1314702	–	–							
2	1314706	–	–							
3	1314711	–	–							
4	1314715	–	–							
5	1314719	–	–							
6	1314724	–	–							
7	1314727	–	–							
8	1314732	–	–							
9	1314737	–	–							
10	1314740	–	–							
11	1314741	–	–							
12	1314745	–	–							
13	1314749	–	–							
14	1314753	–	–							
15	1314758	–	–							
16	1314763	–	–							
	1314767	–	–							
18	1314771	–	–							
19	1314775	–	–							
20	1314778	–	–							
21	1314782	–	–							
22	1314787	–	–							
23	1314792	–	–							
24	1314796	–	–							
25	1314811	–	–							

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	8 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1314802	–	–							
2	1314806	–	–							
3	1314816	–	–							
4	1314820	–	–							
5	1314824	–	–							
6	1314828	–	–							
7	1314833	–	–							
8	1314837	–	–							
9	1314845	–	–							
10	1314849	–	–							
11	1314858	–	–							
12	1314862	–	–							
13	1314870	–	–							
14	1314875	–	–							
15	1314880	–	–							
16	1314884	–	–							
	1314888	–	–							
18	1314892	–	–							
19	1314896	–	–							
20	1315901	–	–							
21	1315922	–	–							
22	1315926	–	–							
23	1315930	–	–							
24	1315934	–	–							
25	1315938	–	–							

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
– = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02991	08/11/88	37683	9 OF 9

TUBE No.	SAMPLE No.	Au(1)	Au(2)							
1	1315942	–	–							
2	1315946	–	–							
3	1315852	–	–							
4	1315856	–	–							
5	1315860	–	–							
6	1315865	–	–							
7	1315868	–	–							
8	1315872	–	–							
9	1315876	–	–							
10	1315880	–	–							
11	1315884	–	–							
12	1315888	–	–							
13	1315893	–	–							
14	1315897	–	–							
15	1314900	–	–							
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	0.008	0.008							
24	UNITS	PPM	PPM							
25	METHOD	309	309							

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A division of MacDonald Hamilton & Co. Pty. Ltd. (inc. SA)

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ANALYTICAL REPORT No. 15.8.14.02992

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

CRA EXPLORATION
PO.BOX 39598

WINNELLIE N.T 0821

ORDER No.	PROJECT
37684	

DATE RECEIVED	RESULTS REQUIRED
21/10/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
9	09/11/88	1	64

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	SS Prep: 013,017	Au,Au(1),Au(2)/309
Various	SS	Cu,Pb,Zn,Co,Ni,Cr,Ag,V,Mn/101,As/114,Te/116,Sb/
Various	SS	Mo,Nb,Th,Sn/401

RESULTS TO

B GRAHAM
CRA EXPLORATION PTY LTD
PO BOX 39598

WINNELLIE NT 0821

RESULTS TO

RESULTS TO

REMARKS

RECEIVED
14 NOV 1988

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

			15.8.14.02992			10/11/88	37684		1 OF 6	
TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314703	30	15	130	<5	<5	10	5	1	65
2	1314707	40	20	190	<5	<5	25	10	2	50
3	1314712	10	10	140	<5	5	15	15	1	45
4	1314716	20	15	160	<5	<5	15	<5	1	45
5	1314720	10	15	200	<5	<5	20	15	1	30
6	1314725	40	15	155	<5	<5	15	10	2	40
7	1314728	20	10	140	<5	<5	10	10	2	45
8	1314733	20	10	430	<5	<5	20	25	2	40
9	1314738	20	20	130	<5	<5	10	<5	1	60
10	1314742	40	20	250	<5	<5	15	15	2	25
11	1314746	20	20	160	<5	<5	10	5	1	95
12	1314750	30	15	170	<5	<5	15	15	2	25
13	1314754	30	20	160	<5	5	10	10	1	45
14	1314759	20	15	140	<5	<5	10	10	1	75
15	1314764	20	20	140	<5	5	10	5	1	40
16	1314768	10	15	110	<5	5	10	10	1	50
17	1314772	30	10	130	<5	<5	10	15	1	55
18	1314779	20	15	150	<5	5	15	10	1	45
19	1314783	20	20	60	<5	<5	10	<5	2	35
20	1314788	20	15	120	<5	<5	10	15	1	25
21	1314793	20	20	110	<5	<5	10	15	1	65
22	1314797	20	15	90	<5	5	10	5	2	35
23	1314799	20	15	120	<5	5	15	15	1	40
24	1314803	30	15	120	<5	5	15	15	2	25
25	1314807	30	15	140	<5	<5	10	10	1	40

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER NO. | PAGE

			15.8.14.02992			10/11/88	37684		2 OF 6	
TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1314812	20	20	300	<5	<5	15	10	1	55
2	1314817	20	10	180	<5	<5	20	20	1	40
3	1314821	20	15	210	<5	<5	15	10	1	35
4	1314825	20	15	300	<5	<5	15	20	2	35
5	1314829	10	15	280	<5	<5	15	15	2	55
6	1314834	10	10	210	<5	<5	15	20	1	40
7	1314838	<10	15	210	<5	<5	10	20	1	30
8	1314846	10	15	180	<5	<5	10	25	1	40
9	1314850	10	20	210	<5	<5	10	15	1	25
10	1314859	<10	15	100	<5	<5	10	<5	1	30
11	1314863	10	15	170	<5	5	10	20	2	40
12	1314871	10	20	80	<5	<5	15	10	1	45
13	1314876	20	15	200	<5	<5	10	20	1	35
14	1314881	<10	15	140	<5	5	10	25	1	40
15	1314885	20	20	230	<5	5	10	40	1	75
16	1314889	30	10	160	<5	5	15	15	1	30
17	1314893	20	10	250	<5	5	10	20	1	50
18	1314897	20	15	230	<5	5	15	20	1	40
19	1315853	20	10	170	<5	5	15	35	2	55
20	1315857	SNR	SNR	SNR	SNR	SNR	SNR	SNR	SNR	SNR
21	1315861	20	15	160	<5	5	10	20	1	55
22	1315864	20	10	230	5	<5	15	20	2	50
23	1315869	10	10	130	<5	<5	10	5	10	35
24	1315873	10	15	240	<5	5	15	25	<1	35
25	1315877	40	10	580	5	<5	10	30	2	60

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

			15.8.14.02992			10/11/88	37684		3 OF 6	
TUBE No.	SAMPLE No.	V	Cr	Mn	Co	Ni	Cu	Zn	As	Nb
1	1315881	20	20	270	5	5	10	20	4	20
2	1315885	30	10	150	5	<5	15	15	1	30
3	1315889	20	15	240	5	<5	10	15	3	35
4	1315894	10	15	180	5	<5	10	20	1	40
5	1315898	10	15	160	<5	<5	10	25	1	35
6	1315902	20	10	180	5	<5	10	25	2	35
7	1315923	30	20	310	<5	<5	5	80	2	90
8	1315927	30	20	110	<5	5	5	5	2	30
9	1315931	30	25	170	5	<5	5	20	2	35
10	1315935	30	20	165	5	5	5	15	1	35
11	1315939	30	20	230	5	10	10	20	2	65
12	1315943	30	15	170	5	<5	10	30	2	50
13	1315947	30	15	210	<5	<5	10	30	3	30
14	1315949	20	20	150	<5	<5	5	20	2	25
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	10	5	5	5	5	5	5	1	3
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
25	METHOD	101	101	101	101	101	101	101	114	401

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		15.8.14.02992		10/11/88	37684			4 OF 6	
TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314703	<3	<0.5	6	0.5	0.1	<0.008	15	25	2
2	1314707	<3	<0.5	7	0.5	0.1	<0.008	15	45	2
3	1314712	<3	<0.5	<3	0.5	<0.1	<0.008	<5	35	2
4	1314716	<3	0.5	10	0.5	<0.1	<0.008	<5	25	1
5	1314720	<3	0.5	5	<0.5	<0.1	<0.008	<5	35	1
6	1314725	4	<0.5	10	0.5	<0.1	<0.008	10	35	2
7	1314728	<3	<0.5	4	<0.5	<0.1	<0.008	5	30	2
8	1314733	<3	<0.5	6	<0.5	<0.1	<0.008	15	30	2
9	1314738	<3	<0.5	9	0.5	<0.1	<0.008	15	35	1
10	1314742	<3	<0.5	9	<0.5	<0.1	<0.008	20	35	2
11	1314746	3	<0.5	7	0.5	<0.1	<0.008	10	30	2
12	1314750	<3	<0.5	<3	<0.5	0.1	<0.008	10	35	2
13	1314754	<3	<0.5	<3	<0.5	0.1	<0.008	15	35	2
14	1314759	<3	<0.5	5	0.5	<0.1	<0.008	10	35	3
15	1314764	<3	<0.5	9	<0.5	<0.1	<0.008	10	35	2
16	1314768	<3	<0.5	4	<0.5	<0.1	<0.008	10	35	3
17	1314772	<3	<0.5	6	0.5	<0.1	<0.008	5	30	3
18	1314779	<3	<0.5	4	<0.5	<0.1	<0.008	15	40	6
19	1314783	<3	<0.5	10	<0.5	0.1	<0.008	10	30	2
20	1314788	<3	0.5	4	<0.5	<0.1	<0.008	10	30	3
21	1314793	<3	<0.5	9	<0.5	<0.1	<0.008	10	40	3
22	1314797	<3	0.5	10	<0.5	<0.1	<0.008	10	30	1
23	1314799	<3	0.5	9	<0.5	0.1	<0.008	5	25	2
24	1314803	3	<0.5	5	<0.5	<0.1	0.015	10	35	4
25	1314807	<3	<0.5	5	<0.5	<0.1	<0.008	15	30	2

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		15.8.14.02992		10/11/88	37684			5 OF 6	
TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1314812	<3	<0.5	9	<0.5	<0.1	<0.008	5	35	2
2	1314817	3	<0.5	9	<0.5	<0.1	<0.008	15	30	3
3	1314821	<3	<0.5	8	0.5	<0.1	<0.008	5	30	2
4	1314825	4	<0.5	5	<0.5	<0.1	<0.008	15	30	2
5	1314829	<3	<0.5	10	<0.5	<0.1	<0.008	10	40	2
6	1314834	<3	<0.5	9	<0.5	<0.1	<0.008	10	30	1
7	1314838	<3	<0.5	7	<0.5	<0.1	<0.008	10	25	2
8	1314846	<3	<0.5	<3	<0.5	0.1	<0.008	15	30	1
9	1314850	<3	<0.5	3	<0.5	<0.1	<0.008	5	25	4
10	1314859	<3	<0.5	8	0.5	0.1	<0.008	<5	25	<1
11	1314863	<3	<0.5	6	<0.5	<0.1	<0.008	10	35	1
12	1314871	<3	<0.5	4	<0.5	0.1	<0.008	15	35	<1
13	1314876	4	<0.5	15	<0.5	<0.1	<0.008	5	35	<1
14	1314881	<3	<0.5	6	<0.5	<0.1	<0.008	20	15	<1
15	1314885	<3	<0.5	60	<0.5	<0.1	<0.008	10	35	<1
16	1314889	<3	<0.5	3	<0.5	<0.1	<0.008	5	20	<1
17	1314893	<3	<0.5	8	<0.5	<0.1	<0.008	5	30	<1
18	1314897	<3	<0.5	8	<0.5	<0.1	<0.008	10	40	<1
19	1315853	<3	<0.5	8	<0.5	<0.1	<0.008	15	45	<1
20	1315857	SNR	SNR	SNR	SNR	SNR	SNR	SNR	SNR	–
21	1315861	3	<0.5	5	<0.5	<0.1	<0.008	10	25	2
22	1315864	<3	1.5	9	<0.5	0.1	<0.008	10	40	2
23	1315869	4	1.0	5	<0.5	<0.1	<0.008	<5	15	<1
24	1315873	<3	0.5	8	<0.5	<0.1	<0.008	<5	40	1
25	1315877	<3	1.0	8	<0.5	<0.1	<0.008	<5	20	<1

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.02992	10/11/88	37684	6 OF 6

TUBE No.	SAMPLE No.	Mo	Ag	Sn	Sb	Te	Au	Pb	Th	U
1	1315881	<3	1.0	9	<0.5	<0.1	<0.008	<5	35	<1
2	1315885	<3	1.0	4	<0.5	<0.1	<0.008	10	35	1
3	1315889	<3	<0.5	4	<0.5	<0.1	<0.008	<5	25	1
4	1315894	<3	<0.5	9	<0.5	<0.1	<0.008	<5	35	2
5	1315898	<3	<0.5	10	<0.5	<0.1	<0.008	<5	25	<1
6	1315902	<3	<0.5	15	<0.5	<0.1	<0.008	<5	25	1
7	1315923	3	<0.5	20	<0.5	<0.1	<0.008	<5	20	<1
8	1315927	3	<0.5	4	<0.5	0.1	<0.008	<5	25	<1
9	1315931	3	<0.5	6	<0.5	<0.1	<0.008	<5	25	1
10	1315935	<3	<0.5	7	<0.5	<0.1	0.010	<5	40	2
11	1315939	<3	<0.5	45	<0.5	<0.1	<0.008	5	35	2
12	1315943	<3	<0.5	4	<0.5	<0.1	<0.008	5	30	1
13	1315947	3	<0.5	9	<0.5	<0.1	<0.008	20	25	1
14	1315949	<3	<0.5	9	<0.5	<0.1	<0.008	5	30	1
15										
18										
19										
20										
21										
22										
23	DETECTION	3	0.5	3	0.5	0.1	0.008	5	4	1
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	ppm
25	METHOD	401	101	401	117	116	309	101	401	126

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL REPORT No. 15.8.14.02993

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

CRA EXPLORATION
PO.BOX 39598

WINNELLIE N.T 0821

ORDER No.	PROJECT
37685	

DATE RECEIVED	RESULTS REQUIRED
22/10/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
3	09/11/88	1	64

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	SS Prep: 813,817	Au,Au(1),Au(2)/309
Various	SS	Cu,Pb,Zn/101
Various	SS	As/114,U/127

RESULTS TO:

B GRAHAM
CRA EXPLORATION PTY LTD
PO BOX 39598

WINNELLIE NT 0821

RESULTS TO:

RESULTS TO:

REMARKS

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14 NOV 1988

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

			15.8.14.02993			10/11/88	37685		1 OF 3	
TUBE No.	SAMPLE No.	Cu	Zn	As	Au	Pb	U	Au(1)	Au(2)	
1	1314704	10	<5	2	<0.008	25	5	–	–	
2	1314708	10	<5	2	<0.008	25	6	–	–	
3	1314713	10	<5	3	0.008	15	7	–	–	
4	1314717	5	<5	2	<0.008	10	4	–	–	
5	1314721	10	<5	1	<0.008	25	4	–	–	
6	1314729	10	<5	2	0.018	15	6	–	–	
	1314734	10	<5	5	<0.008	30	5	–	–	
8	1314739	5	<5	2	<0.008	15	4	–	–	
9	1314743	10	<5	3	<0.008	45	5	–	–	
10	1314747	5	<5	2	<0.008	15	8	–	–	
11	1314751	10	<5	2	<0.008	10	9	–	–	
12	1314755	5	<5	1	<0.008	10	43	–	–	
13	1314760	5	<5	2	<0.008	15	9	–	–	
14	1314765	10	<5	1	0.008	15	4	–	–	
15	1314769	5	<5	3	<0.008	15	8	–	–	
16	1314773	10	<5	2	<0.008	15	6	–	–	
	1314776	10	<5	2	<0.008	15	3	–	–	
18	1314780	10	<5	1	<0.008	20	12	–	–	
19	1314784	<5	<5	1	<0.008	5	3	–	–	
20	1314789	10	<5	1	<0.008	15	6	–	–	
21	1314794	10	<5	1	<0.008	15	4	–	–	
22	1314798	5	<5	1	<0.008	10	5	–	–	
23	1314800	5	<5	1	<0.008	15	6	–	–	
24	1314804	15	<5	2	<0.008	20	6	–	–	
25	1314808	5	<5	1	<0.008	15	4	–	–	

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A Division of Inchcape Inspection and Testing Services (Australia) Pty Ltd

ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		15.8.14.02993				10/11/88	37685		2 OF 3	
TUBE No.	SAMPLE No.	Cu	Zn	As	Au	Pb	U	Au(1)	Au(2)	
1	1314813	10	<5	1	<0.008	15	2	–	–	
2	1314818	10	<5	1	<0.008	15	7	–	–	
3	1314822	10	<5	2	<0.008	20	6	–	–	
4	1314826	10	<5	2	<0.008	20	6	–	–	
5	1314830	10	<5	1	<0.008	20	5	–	–	
6	1314835	10	<5	2	<0.008	25	7	–	–	
7	1314839	10	<5	1	<0.008	25	4	–	–	
8	1314847	5	<5	1	<0.008	20	7	–	–	
9	1314860	<5	<5	1	<0.008	10	2	–	–	
10	1314864	10	<5	2	<0.008	15	8	–	–	
11	1314866	10	<5	IS	<0.008	25	IS	–	–	
12	1314872	10	<5	2	<0.008	25	7	–	–	
13	1314877	10	<5	2	<0.008	20	7	–	–	
14	1314882	5	<5	1	<0.008	25	5	–	–	
15	1314886	10	<5	2	<0.008	20	4	–	–	
16	1314890	IS	IS	1	<0.008	IS	6	–	–	
17	1314894	5	<5	1	<0.008	15	5	–	–	
18	1314898	10	<5	2	<0.008	20	6	–	–	
19	1315854	10	<5	2	<0.008	15	4	–	–	
20	1315858	10	<5	1	<0.008	15	8	–	–	
21	1315862	10	<5	1	<0.008	15	6	–	–	
22	1315863	15	<5	2	<0.008	20	7	–	–	
23	1315870	10	<5	2	<0.008	15	5	–	–	
24	1315874	10	<5	IS	<0.008	15	IS	–	–	
25	1315878	10	<5	2	<0.008	20	4	–	–	

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CHEM ORDER No. | PAGE

		15.8.14.02993		10/11/88	37685		3 OF 3		
TUBE No.	SAMPLE No.	Cu	Zn	As	Au	Pb	U	Au(1)	Au(2)	
1	1315882	10	<5	1	<0.008	20	6	–	–	
2	1315886	10	<5	4	<0.008	25	5	–	–	
3	1315890	10	<5	2	<0.008	20	5	–	–	
4	1315895	5	<5	1	<0.008	20	5	–	–	
5	1315899	15	<5	3	<0.008	25	12	–	–	
6	1315903	15	<5	3	<0.008	25	7	–	–	
7	1315924	5	<5	<1	0.008	20	5	–	–	
8	1315928	5	<5	1	<0.008	15	4	–	–	
9	1315932	10	<5	2	<0.008	20	4	–	–	
10	1315936	5	<5	2	<0.008	15	5	–	–	
11	1315940	10	<5	15	0.034	15	15	–	–	
12	1315944	15	<5	2	0.008	25	4	–	–	
13	1315948	5	<5	2	0.014	25	6	–	–	
14	1315950	5	<5	1	<0.008	20	4	–	–	
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	5	5	1	0.008	5	1	0.008	0.008	
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
25	METHOD	101	101	114	309	101	126	309	309	

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A division of MacDonald Hamilton & Co. Pty. Ltd. (Inc NSW)

FLOAT AND OUTCROP ASSAY RESULTS

(089) 84 3849 | Cnr Coonawarra & Matarae Rds, Winnellie | Fax: (089) 84 3984

ANALYTICAL REPORT No. 15.8.14.03024

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

CRA EXPLORATION
PO.BOX 39598

WINNELLIE N.T 0821

ORDER No.	PROJECT
37686	

DATE RECEIVED	RESULTS REQUIRED
01/11/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	17/11/88	1	30

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	RO Prep: 009,012,013,017	Au,Au(1),Au(2)/309
Various	RO	Cu,Pb,Zn,Co,Ni,Cr,Ag,V,Mn/101,As/114,Te/116,Sb/
Various	RO	Mo,Nb,Th,W,Sn/401
Various	RO	V/401,As/101

RESULTS TO

B GRAHAM
CRA EXPLORATION PTY LTD
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WINNELLIE NT 0821

RESULTS TO

RESULTS TO

REMARKS

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21 NOV 1988

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	1 OF 6

TUBE No.	SAMPLE No.	V	V	Cr	Mn	Co	Ni	Cu	Zn	As
1	1313687	40	–	<5	900	5	210	25	85	–
2	1313688	10	–	15	325	<5	5	5	50	–
3	1313689	<10	–	5	200	<5	<5	15	75	–
4	1314709	<10	–	<5	320	<5	<5	5	30	–
5	1314722	40	–	10	850	<5	10	20	35	–
6	1314730	10	–	<5	370	<5	5	5	65	–
7	1314735	10	–	<5	450	<5	<5	20	65	–
8	1314756	20	–	<5	255	<5	5	5	40	–
9	1314761	20	–	15	145	<5	10	5	50	–
10	1314785	500	–	45	20	<5	10	10	15	–
11	1314790	<10	–	30	60	<5	5	5	5	–
12	1314809	20	–	15	570	<5	5	10	55	–
13	1314814	1001	4250	155	155	<5	<5	10	10	350
14	1314831	30	–	10	700	<5	5	10	75	–
15	1314840	10	–	50	345	<5	5	10	10	–
	1314841	10	–	20	150	<5	5	30	10	–
	1314842	10	–	10	280	<5	5	45	10	–
18	1314843	20	–	25	520	<5	5	15	10	–
19	1314851	10	–	<5	130	<5	10	5	25	–
20	1314852	20	–	<5	130	<5	20	5	25	–
21	1314853	20	–	<5	80	<5	5	5	15	–
22	1314854	10	–	40	80	<5	<5	<5	5	–
23	1314855	10	–	<5	40	<5	<5	15	15	–
24	1314856	20	–	<5	90	<5	<5	25	25	–
25	1314865	1001	1750	80	35	<5	<5	10	15	–

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
– = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	2 OF 6

TUBE No.	SAMPLE No.	V	V	Cr	Mn	Co	Ni	Cu	Zn	As
1	1314867	40	–	<5	40	<5	<5	5	5	–
2	1314868	20	–	<5	110	<5	<5	5	15	–
3	1314813	20	–	10	70	<5	<5	20	20	–
4	1314878	550	–	45	20	<5	<5	10	10	–
5	1314891	30	–	20	225	<5	<5	340	15	–
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
18										
19										
20										
21										
22										
23	DETECTION	10	5	5	5	5	5	5	5	100
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25	METHOD	101	401	101	101	101	101	101	101	101

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	3 OF 6

TUBE No.	SAMPLE No.	As	Nb	Mo	Ag	Sn	Sb	Te	W	Au
1	1313687	1	15	<3	0.5	15	0.5	0.1	<20	0.025
2	1313688	1	15	4	<0.5	<3	<0.5	0.1	<20	0.037
3	1313689	1	15	<3	<0.5	3	<0.5	0.1	20	<0.008
4	1314709	<1	15	<3	<0.5	5	<0.5	0.1	<20	0.008
5	1314722	2	15	4	<0.5	5	0.5	<0.1	<20	<0.008
6	1314730	1	10	3	<0.5	10	<0.5	0.1	<20	<0.008
7	1314735	4	15	3	<0.5	3	<0.5	0.1	<20	0.013
8	1314756	<1	10	<3	<0.5	3	<0.5	0.1	<20	<0.008
9	1314761	<1	15	<3	<0.5	<3	<0.5	0.1	<20	0.010
10	1314785	48	10	4	<0.5	10	<0.5	0.1	<20	0.051
11	1314790	3	<3	<3	<0.5	4	<0.5	0.1	<20	<0.008
12	1314809	2	15	3	<0.5	<3	<0.5	<0.1	<20	<0.008
13	1314814	101	5	20	<0.5	4	<0.5	0.2	<20	<0.008
14	1314831	3	15	5	<0.5	<3	<0.5	0.1	<20	0.011
15	1314840	2	<3	<3	<0.5	<3	0.5	<0.1	<20	0.011
	1314841	9	<3	<3	<0.5	7	0.5	<0.1	<20	0.022
	1314842	2	3	<3	<0.5	5	1.0	<0.1	<20	0.130
18	1314843	4	3	3	<0.5	3	0.5	<0.1	<20	0.015
19	1314851	2	10	<3	<0.5	9	<0.5	<0.1	<20	<0.008
20	1314852	1	15	<3	<0.5	8	<0.5	0.1	<20	<0.008
21	1314853	2	15	5	<0.5	7	<0.5	0.1	<20	<0.008
22	1314854	<1	5	<3	<0.5	<3	<0.5	<0.1	<20	<0.008
23	1314855	3	15	<3	<0.5	5	<0.5	<0.1	<20	0.033
24	1314856	2	15	<3	<0.5	<3	<0.5	<0.1	<20	<0.008
25	1314865	90	10	10	<0.5	15	<0.5	0.1	<20	0.012

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	4 OF 6

TUBE No.	SAMPLE No.	As	Nb	Mo	Ag	Sn	Sb	Te	W	Au
1	1314867	3	70	4	0.5	15	<0.5	<0.1	<20	<0.008
2	1314868	2	10	<3	0.5	10	<0.5	<0.1	<20	<0.008
3	1314813	1	10	4	0.5	<3	<0.5	<0.1	<20	<0.008
4	1314878	37	6	5	<0.5	3	<0.5	0.1	<20	<0.008
5	1314891	7	3	<3	0.5	<3	0.5	0.1	<20	0.010
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
18										
19										
20										
21										
22										
23	DETECTION	1	3	3	0.5	3	0.5	0.1	20	0.008
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PPM
25	METHOD	114	401	401	101	401	117	116	401	309

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	5 OF 6

TUBE No.	SAMPLE No.	Pb	Th	U	Au(1)	Au(2)				
1	1313687	5	75	3	–	–				
2	1313688	<5	65	2	–	–				
3	1313689	10	60	2	–	–				
4	1314709	<5	55	2	–	–				
5	1314722	5	70	2	–	–				
6	1314730	<5	75	2	–	–				
7	1314735	25	55	2	–	–				
8	1314756	<5	60	2	–	–				
9	1314761	<5	70	2	–	–				
10	1314785	<5	20	<1	–	–				
11	1314790	<5	30	1	–	<0.008				
12	1314809	5	70	2	–	–				
13	1314814	25	<4	<1	–	–				
14	1314831	10	55	3	–	–				
15	1314840	<5	30	<1	–	–				
	1314841	5	25	<1	–	–				
	1314842	<5	25	<1	–	–				
18	1314843	5	20	<1	–	–				
19	1314851	10	75	3	–	–				
20	1314852	5	65	3	–	–				
21	1314853	5	65	2	–	<0.008				
22	1314854	5	30	<1	–	–				
23	1314855	<5	50	4	–	–				
24	1314856	<5	40	4	–	–				
25	1314865	<5	65	1	–	–				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	15/11/88	37686	6 OF 6

TUBE No.	SAMPLE No.	Pb	Th	U	Au(1)	Au(2)				
1	1314867	<5	60	1	–	–				
2	1314868	<5	60	3	–	–				
3	1314813	40	60	2	–	–				
4	1314878	5	60	3	–	–				
5	1314891	5	50	2	–	–				
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
18										
19										
20										
21										
22										
23	DETECTION	5	4	1	0.008	0.008				
24	UNITS	ppm	ppm	ppm	PPM	PPM				
25	METHOD	101	401	126	309	309				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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(089) 84 3849 | Cnr Coonawarra & Mataram Rds, Winnellie | Fax: (089) 84 3984

ANALYTICAL REPORT No. 15.8.14.03024

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

CRA EXPLORATION
PO.BOX 39598

WINNELLIE N.T 0821

ORDER No.	PROJECT
37686	

DATE RECEIVED	RESULTS REQUIRED
01/11/88	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	15/11/88	1	30

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	RO Prep: 009,012,013,017	Au,Au(1),Au(2)/309
Various	RO	Cu,Pb,Zn,Co,Ni,Cr,Ag,V,Mn/101,As/114,Te/116,Sb/
Various	RO	Mo,Nb,Th,W,Sn/401
Various	RO	V/401,As/101

RESULTS TO

B GRAHAM
CRA EXPLORATION PTY LTD
PO BOX 39598

WINNELLIE NT 0821

RESULTS TO

RESULTS TO

REMARKS

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	17/11/88	37686	1 OF 6

TUBE No.	SAMPLE No.	V	V	Cr	Mn	Co	Ni	Cu	Zn	As
1	1313687	40	–	<5	900	5	210	25	85	–
2	1313688	10	–	15	325	<5	5	5	50	–
3	1313689	<10	–	5	200	<5	<5	15	75	–
4	1314709	<10	–	<5	320	<5	<5	5	30	–
5	1314722	40	–	10	850	<5	10	20	35	–
6	1314730	10	–	<5	370	<5	5	5	65	–
7	1314735	10	–	<5	450	<5	<5	20	65	–
8	1314756	20	–	<5	255	<5	5	5	40	–
9	1314761	20	–	15	145	<5	10	5	50	–
10	1314785	500	–	45	20	<5	10	10	15	–
11	1314790	<10	–	30	60	<5	5	5	5	–
12	1314809	20	–	15	570	<5	5	10	55	–
13	1314814	>1000	4250	155	155	<5	<5	10	10	350
14	1314831	30	–	10	700	<5	5	10	75	–
15	1314840	10	–	50	345	<5	5	10	10	–
	1314841	10	–	20	150	<5	5	30	10	–
	1314842	10	–	10	280	<5	5	45	10	–
18	1314843	20	–	25	520	<5	5	15	10	–
19	1314851	10	–	<5	130	<5	10	5	25	–
20	1314852	20	–	<5	130	<5	20	5	25	–
21	1314853	20	–	<5	80	<5	5	5	15	–
22	1314854	10	–	40	80	<5	<5	<5	5	–
23	1314855	10	–	<5	40	<5	<5	15	15	–
24	1314856	20	–	<5	90	<5	<5	25	25	–
25	1314865	>1000	1750	80	35	<5	<5	10	15	–

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	17/11/88	37686	2 OF 6

TUBE No.	SAMPLE No.	V	V	Cr	Mn	Co	Ni	Cu	Zn	As
1	1314867	40	–	<5	40	<5	<5	5	5	–
2	1314868	20	–	<5	110	<5	<5	5	15	–
3	1314813	20	–	10	70	<5	<5	20	20	–
4	1314878	550	–	45	20	<5	<5	10	10	–
5	1314891	30	–	20	225	<5	<5	340	15	–
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22	PLEASE DISREGARD PREVIOUS REPORT									
23	DETECTION	10	5	5	5	5	5	5	5	100
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25	METHOD	101	401	101	101	101	101	101	101	101

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A Division of Inchcape Inspection and Testing Services Australia Pty Ltd

ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER 15.8.14.03024 | REPORT DATE 17/11/88 | CLIENT ORDER No. 37686 | PAGE 3 OF 6

TUBE No.	SAMPLE No.	As	Nb	Mo	Ag	Sn	Sb	Te	W	Au
1	1313687	1	15	<3	0.5	15	0.5	0.1	<20	0.025
2	1313688	1	15	4	<0.5	<3	<0.5	0.1	<20	0.037
3	1313689	1	15	<3	<0.5	3	<0.5	0.1	20	<0.008
4	1314709	<1	15	<3	<0.5	5	<0.5	0.1	<20	0.008
5	1314722	2	15	4	<0.5	5	0.5	<0.1	<20	<0.008
6	1314730	1	10	3	<0.5	10	<0.5	0.1	<20	<0.008
7	1314735	4	15	3	<0.5	3	<0.5	0.1	<20	0.013
8	1314756	<1	10	<3	<0.5	3	<0.5	0.1	<20	<0.008
9	1314761	<1	15	<3	<0.5	<3	<0.5	0.1	<20	0.010
10	1314785	48	10	4	<0.5	10	<0.5	0.1	<20	0.051
11	1314790	3	<3	<3	<0.5	4	<0.5	0.1	<20	<0.008
12	1314809	2	15	3	<0.5	<3	<0.5	<0.1	<20	<0.008
13	1314814	>100	5	20	<0.5	4	<0.5	0.2	<20	<0.008
14	1314831	3	15	5	<0.5	<3	<0.5	0.1	<20	0.011
15	1314840	2	<3	<3	<0.5	<3	0.5	<0.1	<20	0.011
16	1314841	9	<3	<3	<0.5	7	0.5	<0.1	<20	0.022
17	1314842	2	3	<3	<0.5	5	1.0	<0.1	<20	0.130
18	1314843	4	3	3	<0.5	3	0.5	<0.1	<20	0.015
19	1314851	2	10	<3	<0.5	9	<0.5	<0.1	<20	<0.008
20	1314852	1	15	<3	<0.5	8	<0.5	0.1	<20	<0.008
21	1314853	2	15	5	<0.5	7	<0.5	0.1	<20	<0.008
22	1314854	<1	5	<3	<0.5	<3	<0.5	<0.1	<20	<0.008
23	1314855	3	15	<3	<0.5	5	<0.5	<0.1	<20	0.033
24	1314856	2	15	<3	<0.5	<3	<0.5	<0.1	<20	<0.008
25	1314865	90	10	10	<0.5	15	<0.5	0.1	<20	0.012

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

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A Division of Inchcape Inspection and Testing Services (Australia) Pty Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	17/11/88	37686	4 OF 6

TUBE No.	SAMPLE No.	As	Nb	Mo	Ag	Sn	Sb	Te	W	Au
1	1314867	3	70	4	0.5	15	<0.5	<0.1	<20	<0.008
2	1314868	2	10	<3	0.5	10	<0.5	<0.1	<20	<0.008
3	1314813	1	10	4	0.5	<3	<0.5	<0.1	<20	<0.008
4	1314878	37	6	5	<0.5	3	<0.5	0.1	<20	<0.008
5	1314891	7	3	<3	0.5	<3	0.5	0.1	<20	0.010
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22	PLEASE DISREGARD PREVIOUS REPORT									
23	DETECTION	1	3	3	0.5	3	0.5	0.1	20	0.008
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PPM
25	METHOD	114	401	401	101	401	117	116	401	309

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

ANALABS

A Division of Inchcape Inspection and Testing Services Australia Pty Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	17/11/88	37686	5 OF 6

TUBE No.	SAMPLE No.	Pb	Th	U	Au(1)	Au(2)				
1	1313687	5	75	3	–	–				
2	1313688	<5	65	2	–	–				
3	1313689	10	60	2	–	–				
4	1314709	<5	55	2	–	–				
5	1314722	5	70	2	–	–				
6	1314730	<5	75	2	–	–				
	1314735	25	55	2	–	–				
8	1314756	<5	60	2	–	–				
9	1314761	<5	70	2	–	–				
10	1314785	<5	20	<1	–	–				
11	1314790	<5	30	1	–	<0.008				
12	1314809	5	70	2	–	–				
13	1314814	25	<4	<1	–	–				
14	1314831	10	55	3	–	–				
15	1314840	<5	30	<1	–	–				
	1314841	5	25	<1	–	–				
17	1314842	<5	25	<1	–	–				
18	1314843	5	20	<1	–	–				
19	1314851	10	75	3	–	–				
20	1314852	5	65	3	–	–				
21	1314853	5	65	2	–	<0.008				
22	1314854	5	30	<1	–	–				
23	1314855	<5	50	4	–	–				
24	1314856	<5	40	4	–	–				
25	1314865	<5	65	1	–	–				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
– = element not determined

AUTHORISED OFFICER

ANALABS

A Division of Inchcape Inspection and Testing Services Australia Pty Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	15.8.14.03024	17/11/88	37686	6 OF 6

TUBE No.	SAMPLE No.	Pb	Th	U	Au(1)	Au(2)				
1	1314867	<5	60	1	–	–				
2	1314868	<5	60	3	–	–				
3	1314813	40	60	2	–	–				
4	1314878	5	60	3	–	–				
5	1314891	5	50	2	–	–				
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22	PLEASE DISREGARD PREVIOUS REPORT									
23	DETECTION	5	4	1	0.008	0.008				
24	UNITS	ppm	ppm	ppm	PPM	PPM				
25	METHOD	101	401	126	309	309				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

APPENDIX II

FLOAT / OUTCROP LEDGERS

C.R.A. EXPLORATION PTY. LIMITED

GEOCHEMICAL ROCK CHIP SAMPLING LEDGER

D.P.O. No. 37686

DATE 05. 11. 88

SHEET No. 01

PROJECT DRAINAGE FOLLOW UP

E.L. 5477 MT FELIX

MAP OR PHOTO REFERENCE EVA VALLEY 1:100 000

* gr – grab
co – composite
ch – channel
f – float

SAMPLE Nos. NTC 673 RUNGE 186-188
KATHERINE 1:25000 NTC 683 RUN 5 199-201

COLLECTED BY BJG / DJH

ANALYSED BY ANALABS DPO = 37686

Grid Co-ordinates	Sample Number	Sample Width	Sample Type*	Metal Content, p.p.m. Pb	Zn	Cu	Ni	Co	Cr	Mo	W	Sn	As	Ag	Au	Mn	V	Sb	Te	U	Th	Nb	Geological Observations
x 19 200 84 28 200	1314790	–	F	BLD	5	5	5	BLD	30	BLD	BLD	4	3	BLD	BLD	60	BD	BLD	0·1	1	30	BLD	MALACHITE STAINED VEIN QUARTZ
2 75 300 84 30 750	1315891	–	F	5	15	340	BLD	BLD	20	BLD	BLD	BLD	7	0·5	0·010	225	30	0·5	0·1	2	50	3	QUARTZ VEINED QUARTZ FELDSPAR PORPHYRY.
2 78 700 84 33 250	1314709		GR	BLD	30	5	BLD	BLD	BLD	BLD	BLD	5	BD	BLD	0·008	320	BLD	BLD	0·1	2	55	15	QUARTZ FELDSPAR PORPHYRY WITH ?LIMONITE ON JOINT SETS.
2 77 800 84 31 900	1314722		GR	5	35	20	10	BLD	10	4	BLD	5	2	BLD	BLD	850	40	BLD	0·1	2	70	15	AS ABOVE
2 78 200 84 32 250	1314730		GR	BLD	65	5	5	BLD	BLD	3	BLD	10	1	BLD	BLD	370	10	BLD	0·1	2	75	10	AS ABOVE
2 77 900 84 32 150	1314735		GR	25	65	20	BLD	BLD	BLD	3	BLD	3	4	BLD	0·013	450	10	BLD	0·1	2	55	15	AS ABOVE - STRONGLY JOINTED.
2 78 000 84 31 050	1314756		GR	BLD	40	5	5	BLD	BLD	BLD	BLD	3	BLD	BLD	BLD	255	20	BLD	0·1	2	60	10	STRONGLY JOINTED, WEATHERED ?SLIGHTLY ALTERED QUARTZ FELDSPAR PORPHYRY
2 78 000 84 30 850	1314761		GR	BLD	50	5	10	BLD	15	BLD	BLD	BLD	BLD	BLD	0·010	145	20	BLD	0·1	2	70	15	AS ABOVE
2 79 500 84 28 200	1314785		F	BLD	15	10	10	BLD	15	4	BLD	10	48	BLD	0·051	20	500	BLD	0·1	BLD	20	10	WEATHERED STRONGLY FE MINERALIZED 'NODULAR' QUARTZ SANDSTONE.
"	1314865		F	BLD	15	10	BLD	BLD	80	10	BLD	15	90	BLD	0·012	35	1750	BLD	0·1	1	65	10	AS ABOVE
DETECTION LIMIT	(PPM)			5	5	5	5	5	5	3	20	3	1	0·5	0·008	5	10	0·5	0·1	1	4	3	
METHOD				AAS	AAS	AAS	AAS	AAS	AAS	XRF	XRF	XRF	VAP GEN	AAS	FIRE	AAS	AAS	VAP GEN	VAP GEN	FLUORIMETRY	XRF	XRF	

C.R.A. EXPLORATION PTY. LIMITED

GEOCHEMICAL ROCK CHIP SAMPLING LEDGER

D.P.O. No. 37686

DATE 5.11.88

SHEET No. 02

PROJECT _____

E.L. 5477 MT FELIX

* gr – grab
co – composite
ch – channel

SAMPLE Nos. _____

COLLECTED BY BJG

MAP OR PHOTO REFERENCE _____

ANALYSED BY ANALABS D.P.O. 37686

Grid Co-ordinates	Sample Number	Sample Width	Sample Type*	Metal Content, p.p.m. Pb	Zn	Cu	Ni	Co	Cr	Mo	W	Sn	As	Ag	Au	Mn	V	Sb	Te	U	Th	Nb	Geological Observations
2 30 450	1314809		GR	5	55	10	5	BLD	15	3	BLD	BLD	2	BLD	BLD	570	20	BLD	BLD	2	70	15	DEUTERICALLY ALTERED QUARTZ + FELDSPAR
84 30 950																							+ CHLORITE (AFTER ? BIOTITE) PORPHYRY
2 79 500 84 32 100	1314814		GR	25	10	10	BLD	BLD	155	20	BLD	4	350	BLD	BLD	155	4250	BLD	0·2	BLD	BLD	5	STRONGLY FE MINERALIZED QUARTZ SANDSTONE
2 74 550 84 31 600	1314831		GR	10	75	10	5	BLD	10	5	BLD	BLD	3	BLD	0·011	700	30	BLD	0·1	3	55	15	MEDIUM GRAINED UNALTERED RED/PINK LEUCOGRANITE
2 75 100 84 31 050	1314840		GR	BLD	10	10	5	BLD	50	BLD	BLD	BLD	2	BLD	0·011	345	10	0·5	BLD	BLD	30	BLD	CHIP SAMPLE FROM BANDED QUARTZ VEIN + MINOR VUGS + COARSE QTZ XAL' GROWTH. MINOR FE MINERALIZATION.
11	1314841		GR	5	10	30	5	BLD	20	BLD	BLD	7	9	BLD	0·021	150	10	0·5	BLD	BLD	25	BLD	AS ABOVE - NARROW VEIN IN LEUCOGRANITE.
11	1314842		GR	BLD	10	45	5	BLD	10	BLD	BLD	5	2	BLD	0·130	280	10	1·0	BLD	BLD	25	3	STRONGLY ALTERED AND SILICIFIED ? DIORITE - FINE GRAINED INTRUSIVE ROCK - OUTCROPS AS DYKE STRIKING ≈ NW - SE
11	1314843		GR	5	10	15	5	BLD	25	3	BLD	3	4	BLD	0·015	520	20	0·5	BLD	BLD	20	3	AS ABOVE
2 79 100 84 29 600	1314851		GR	10	25	5	10	BLD	BLD	BLD	BLD	9	2	BLD	BLD	130	10	BLD	BLD	3	75	10	WEATHERED QUARTZ FELDSPAR PORPHYRY.
2 79 200 84 29 700	1314852		GR	5	25	5	20	BLD	BLD	BLD	BLD	8	1	BLD	BLD	130	20	BLD	0·1	3	65	15	AS ABOVE
2 79 100 84 29 900	1314853		GR	5	15	5	5	BLD	BLD	5	BLD	7	2	BLD	BLD	80	20	BLD	0·1	2	65	15	FE MINERALIZED MED GR QUARTZ SANDSTONE

C.R.A. EXPLORATION PTY. LIMITED

GEOCHEMICAL ROCK CHIP SAMPLING LEDGER

D.P.O. No. 37686

DATE 5.11.88

SHEET No. 03

PROJECT _____

E.L. 5471 MT FELIX

* gr – grab
co – composite
ch – channel
f - float

SAMPLE Nos. _____

COLLECTED BY BJG

ANALYSED BY ANALABS DPO 37686

MAP OR PHOTO REFERENCE _____

Grid Co-ordinates	Sample Number	Sample Width	Sample Type*	Metal Content, p.p.m. Pb	Zn	Cu	Ni	Co	Cr	Mo	W	Sn	As	Ag	Au	Mn	V	Sb	Te	U	Th	Nb	Geological Observations
279100 8429900	1314854		GR	5	5	BLD	BLD	BLD	40	BLD	BLD	BLD	BLD	BLD	BLD	80	10	BLD	BLD	BLD	30	5	WEATHERED ?WEAKLY ALTERED QFP.
279500 8428250	1314855		GR	BLD	15	15	BLD	BLD	BLD	BLD	BLD	5	3	BLD	0·033	40	10	BLD	BLD	4	50	15	AS ABOVE
"	1314856		GR	BLD	25	25	BLD	BLD	BLD	BLD	BLD	BLD	2	BLD	BLD	90	20	BLD	BLD	4	40	15	ZONE OF INTENSELY JOINTED/FRACTURED QFP, ?WEAKY ALTERED & WEATHERED.
275050 8430300	1314867		GR	BLD	5	5	BLD	BLD	BLD	4	BLD	15	3	0·5	BLD	40	40	BLD	BLD	1	60	70	WEATHERED AND ?WEAKLY ALTERED PORPHYRITIC GRANITE.
"	1314868		F	BLD	15	5	BLD	BLD	BLD	BLD	BLD	10	2	0·5	BLD	110	20	BLD	BLD	3	60	10	VERY FINE GRAINED WELL INDURATED BLEACHED QUARTZ SANDSTONE.
274200 8428600	1314873		GR	40	20	20	BLD	BLD	10	4	BLD	BLD	1	0·5	BLD	70	20	BLD	BLD	2	60	10	WEATHERED + ? DEUTERICALLY ALTERED MEDIUM GRAINED GRANITE.
274250 8428600	1314878		F	5	10	10	BLD	BLD	45	5	BLD	3	37	BLD	BLD	20	550	BLD	0·1	3	60	6	BLEACHED AND FE MINERALIZED QUARTZ SANDSTONE
275450 8429600	1313687		GR	5	85	25	210	5	BLD	BLD	BLD	15	1·0	0·5	0·025	900	40	0·5	0·1	3	75	15	MED. GRAINED QTZ, FSPAR, BIOTITE GRANITE – DEUTERICAL ALTERED TO RED/GREEN COLOUR.
277300 8428550	1313688		GR	BLD	50	5	5	BLD	15	4	BLD	BLD	1·0	BLD	0·037	325	10	BLD	0·1	2	65	15	AS ABOVE
276500 8428800	1313689		GR	10	75	15	BLD	BLD	5	BLD	20	3	1·0	BLD	BLD	200	BLD	BLD	0·1	2	60	15	PORPHYRYTIC GRANITE – STRONGLY WEATHERED ROUNDED QTZ PHENOCRYSTS MAFICS → CHLORITE

APPENDIX III

TABLE OF GENERAL STATISTICS

BMDP1D MT FELIX MULTIFRACTION GEOCHEM FOLLOWUP

VARIABLE NO.	NAME	GROUPING VAR/LEVL	TOTAL FREQ.	MEAN	STANDARD DEVIATION	SMALLEST VALUE	SMALLEST Z-SC	LARGEST VALUE	LARGEST Z-SC
6	SURVEY		256	4.000	0.000	4.000	0.00	4.000	0.00
		SAMTYPE							
		-20+40#	64	4.000	0.000	4.000	0.00	4.000	0.00
		-40+80#	64	4.000	0.000	4.000	0.00	4.000	0.00
		-80+200#	64	4.000	0.000	4.000	0.00	4.000	0.00
		-200#	64	4.000	0.000	4.000	0.00	4.000	0.00
7	MIN		3	5.900	1.044	5.200	-0.67	7.100	1.15
		SAMTYPE							
		-20+40#	3	5.900	1.044	5.200	-0.67	7.100	1.15
		-40+80#	0						
		-80+200#	0						
		-200#	0						
8	V		158	21.646	7.970	10.000	-1.46	40.000	2.30
		SAMTYPE							
		-20+40#	35	16.286	5.470	10.000	-1.15	30.000	2.51
		-40+80#	63	24.603	7.145	10.000	-2.04	40.000	2.15
		-80+200#	60	21.667	8.471	10.000	-1.38	40.000	2.16
		-200#	0						
9	CR		181	11.657	5.029	5.000	-1.32	25.000	2.65
		SAMTYPE							
		-20+40#	58	7.759	3.131	5.000	-0.88	15.000	2.31
		-40+80#	60	11.417	4.702	5.000	-1.36	25.000	2.89
		-80+200#	63	15.476	3.780	10.000	-1.45	25.000	2.52
		-200#	0						
10	MN		191	159.189	74.722	60.000	-1.33	630.000	6.30
		SAMTYPE							
		-20+40#	64	143.125	47.871	60.000	-1.74	265.000	2.55
		-40+80#	64	149.297	83.826	80.000	-0.83	630.000	5.73
		-80+200#	63	185.556	81.042	60.000	-1.55	580.000	4.87
		-200#	0						
11	CO		80	5.250	1.097	5.000	-0.23	10.000	4.33
		SAMTYPE							
		-20+40#	58	5.345	1.278	5.000	-0.27	10.000	3.64
		-40+80#	11	5.000	0.000	5.000	0.00	5.000	0.00
		-80+200#	11	5.000	0.000	5.000	0.00	5.000	0.00
		-200#	0						
12	NI		96	8.073	4.315	5.000	-0.71	20.000	2.76
		SAMTYPE							
		-20+40#	41	11.220	4.714	5.000	-1.32	20.000	1.86
		-40+80#	34	6.029	2.052	5.000	-0.50	10.000	1.93
		-80+200#	21	5.238	1.091	5.000	-0.22	10.000	4.36
		-200#	0						

BMDP1D MT FELIX MULTIFRACTION GEOCHEM FOLLOWUP

VARIABLE NO.	NAME	GROUPING VAR/LEVL	TOTAL FREQ.	MEAN	STANDARD DEVIATION	SMALLEST VALUE	SMALLEST Z-SC	LARGEST VALUE	LARGEST Z-SC
13	CU		245	8.490	3.942	5.000	-0.89	25.000	4.19
		SAMTYPE							
		-20+40#	60	6.000	2.571	5.000	-0.39	15.000	3.50
		-40+80#	61	6.967	3.449	5.000	-0.57	20.000	3.78
		-80+200#	63	11.905	3.855	5.000	-1.79	25.000	3.40
		-200#	61	8.934	2.903	5.000	-1.36	15.000	2.09
14	ZN		181	18.094	9.666	5.000	-1.35	80.000	6.40
		SAMTYPE							
		-20+40#	62	22.016	8.984	5.000	-1.89	40.000	2.00
		-40+80#	60	14.167	6.838	5.000	-1.34	35.000	3.05
		-80+200#	59	17.966	11.185	5.000	-1.16	80.000	5.55
		-200#	0						
15	AS		250	1.920	1.420	1.000	-0.65	16.000	9.91
		SAMTYPE							
		-20+40#	64	2.281	1.105	1.000	-1.16	6.000	3.37
		-40+80#	64	1.984	2.051	1.000	-0.48	16.000	6.83
		-80+200#	62	1.613	1.259	1.000	-0.49	10.000	6.66
		-200#	60	1.783	0.904	1.000	-0.87	5.000	3.56
16	NB		191	27.063	18.870	3.000	-1.28	145.000	6.25
		SAMTYPE							
		-20+40#	64	12.219	4.157	3.000	-2.22	20.000	1.87
		-40+80#	64	25.969	18.415	7.000	-1.03	145.000	6.46
		-80+200#	63	43.254	15.297	20.000	-1.52	95.000	3.38
		-200#	0						
17	MO		53	3.585	0.770	3.000	-0.76	5.000	1.84
		SAMTYPE							
		-20+40#	19	3.368	0.761	3.000	-0.48	5.000	2.14
		-40+80#	22	3.909	0.811	3.000	-1.12	5.000	1.34
		-80+200#	12	3.333	0.492	3.000	-0.68	4.000	1.35
		-200#	0						
18	AG		73	0.712	0.300	0.500	-0.71	1.500	2.63
		SAMTYPE							
		-20+40#	34	0.721	0.306	0.500	-0.72	1.500	2.54
		-40+80#	28	0.679	0.279	0.500	-0.64	1.500	2.94
		-80+200#	11	0.773	0.344	0.500	-0.79	1.500	2.12
		-200#	0						
19	SN		139	7.367	6.220	3.000	-0.70	60.000	8.46
		SAMTYPE							
		-20+40#	33	6.152	1.970	3.000	-1.60	9.000	1.45
		-40+80#	47	6.213	2.836	3.000	-1.13	15.000	3.10
		-80+200#	59	8.966	8.888	3.000	-0.67	60.000	5.74
		-200#	0						

BMDP1D MT FELIX MULTIFRACTION GEOCHEM FOLLOWUP

VARIABLE NO.	NAME	GROUPING VAR/LEVL	TOTAL FREQ.	MEAN	STANDARD DEVIATION	SMALLEST VALUE	SMALLEST Z-SC	LARGEST VALUE	LARGEST Z-SC
20	SB		75	0.520	0.099	0.500	-0.20	1.000	4.87
		SAMTYPE							
		-20+40#	24	0.500	0.000	0.500	0.00	0.500	0.00
		-40+80#	40	0.538	0.133	0.500	-0.28	1.000	3.47
		-80+200#	11	0.500	0.000	0.500	0.00	0.500	0.00
		-200#	0						
21	TE		35	0.114	0.055	0.100	-0.26	0.400	5.19
		SAMTYPE							
		-20+40#	9	0.100	0.000	0.100	0.00	0.100	0.00
		-40+80#	15	0.133	0.082	0.100	-0.41	0.400	3.27
		-80+200#	11	0.100	0.000	0.100	0.00	0.100	0.00
		-200#	0						
22	AU		24	0.016	0.011	0.008	-0.70	0.057	3.76
		SAMTYPE							
		-20+40#	4	0.011	0.006	0.008	-0.56	0.020	1.50
		-40+80#	11	0.019	0.014	0.009	-0.73	0.057	2.79
		-80+200#	2	0.013	0.004	0.010	-0.71	0.015	0.71
		-200#	7	0.014	0.010	0.008	-0.62	0.034	2.07
23	PB		193	12.171	6.794	5.000	-1.06	45.000	4.83
		SAMTYPE							
		-20+40#	45	7.556	4.213	5.000	-0.61	20.000	2.95
		-40+80#	38	8.684	3.974	5.000	-0.93	20.000	2.85
		-80+200#	47	10.638	4.376	5.000	-1.29	20.000	2.14
		-200#	63	18.714	6.205	5.000	-2.21	45.000	4.24
24	TH		190	25.863	9.206	4.000	-2.37	50.000	2.62
		SAMTYPE							
		-20+40#	64	25.125	9.564	8.000	-1.79	50.000	2.60
		-40+80#	63	21.286	8.496	4.000	-2.03	40.000	2.20
		-80+200#	63	31.190	6.520	15.000	-2.48	45.000	2.12
		-200#	0						
25	U		202	3.614	3.636	1.000	-0.72	43.000	10.83
		SAMTYPE							
		-20+40#	63	3.397	2.297	1.000	-1.04	18.000	6.36
		-40+80#	30	1.433	0.679	1.000	-0.64	3.000	2.31
		-80+200#	48	1.979	0.978	1.000	-1.00	6.000	4.11
		-200#	61	6.197	5.150	2.000	-0.81	43.000	7.15

VARIABLE NO.	NAME	CATEGORY NAME	CATEGORY FREQUENCY	TOTAL FREQUENCY	NO. OF VALUES MISSING OR OUTSIDE THE RANGE
5	SAMTYPE			256	0
		-20+40#	64		
		-40+80#	64		
		-80+200#	64		
		-200#	64		

BMDP1D MT FELIX FOLLOWUP ROCK SAMPLING

VARIABLE NO.	NAME	TOTAL FREQ.	MEAN	STANDARD DEVIATION	SMALLEST VALUE	SMALLEST Z-SC	LARGEST VALUE	LARGEST Z-SC
8	PB	16	10.625	10.308	5.000	-0.55	40.000	2.85
9	ZN	30	29.500	24.117	5.000	-1.02	85.000	2.30
10	CU	29	23.966	61.519	5.000	-0.31	340.000	5.14
11	NI	17	19.118	49.347	5.000	-0.29	210.000	3.87
12	CO	1	5.000	0.000	5.000	0.00	5.000	0.00
13	CR	18	31.667	36.096	5.000	-0.74	155.000	3.42
14	MO	14	5.500	4.536	3.000	-0.55	20.000	3.20
15	W	1	20.000	0.000	20.000	0.00	20.000	0.00
16	SN	21	7.095	4.110	3.000	-1.00	15.000	1.92
17	AS	26	22.423	69.695	1.000	-0.31	350.000	4.70
18	AG	5	0.500	0.000	0.500	0.00	0.500	0.00
19	AU	14	0.028	0.032	0.008	-0.61	0.130	3.19
20	MN	30	255.500	242.684	20.000	-0.97	900.000	2.66
21	V	27	277.778	868.360	10.000	-0.31	4250.000	4.57
22	SB	6	0.583	0.204	0.500	-0.41	1.000	2.04
23	TE	18	0.106	0.024	0.100	-0.24	0.200	4.01
24	U	23	2.304	0.822	1.000	-1.59	4.000	2.06
25	TH	29	53.103	17.648	20.000	-1.88	75.000	1.24
26	NB	27	13.333	12.150	3.000	-0.85	70.000	4.66

APPENDIX IV

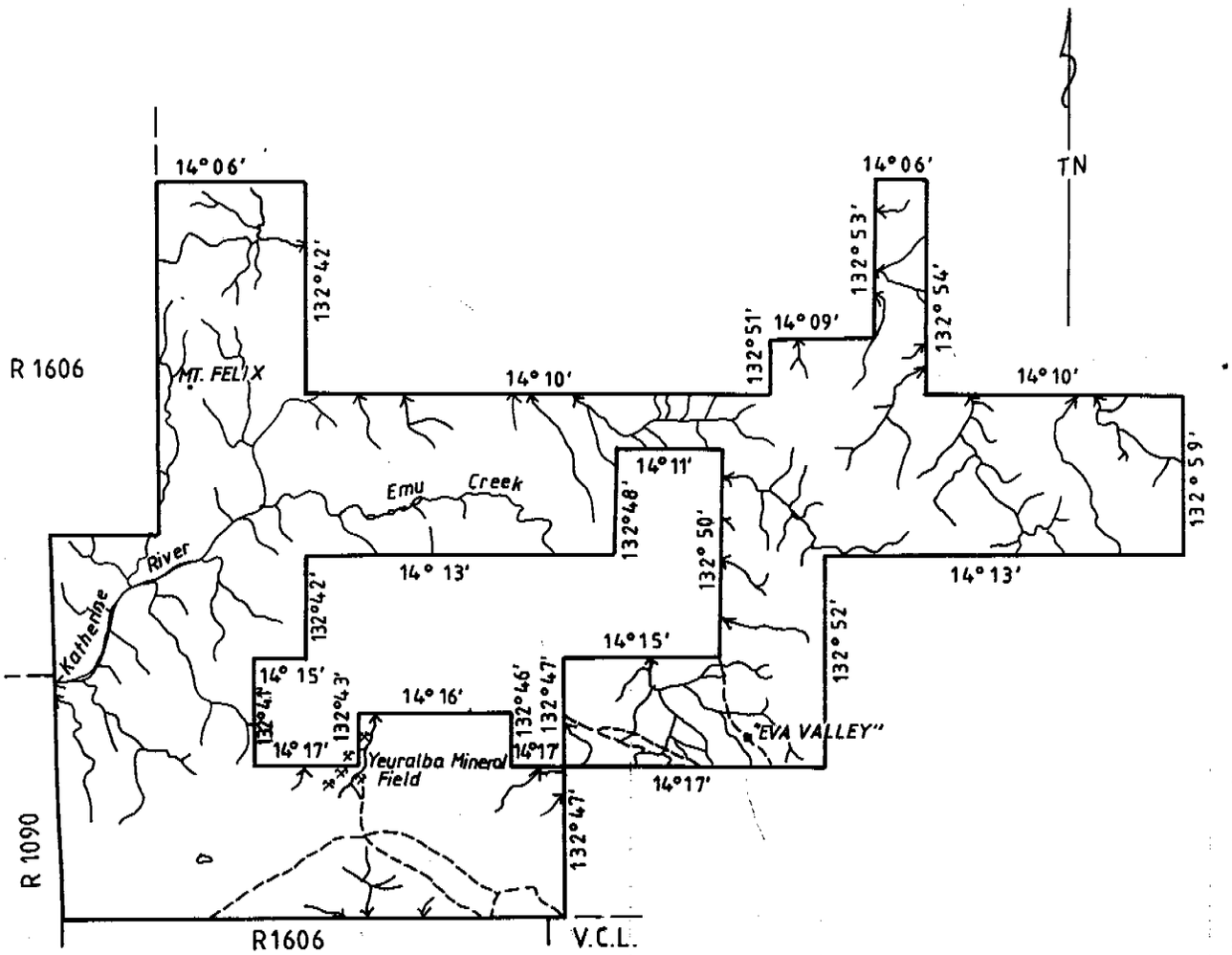
INDICATOR MINERAL RESULTS

MOUNT FELIX 1988 GRAVEL SAMPLE RESULTS
(-1 = no observation)

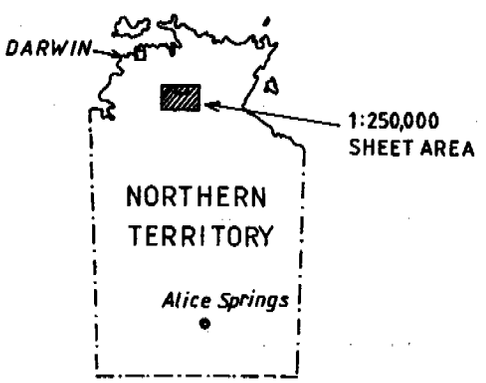
SAMPLE NUMBER	No. of Microdiamonds	No. of Chromites
1313551	0	0
1313553	0	0
1313555	0	0
1313557	0	0
1313559	0	0
1313561	0	1
1313563	0	0
1313565	-1	0
1313567	2	0
1313569	0	0
1313571	0	0
1313573	0	0
1313578	0	0
1313585	0	0
1313589	0	0
1313592	0	0
1313593	0	0
1313599	0	0
1313603	1	0
1313605	0	0
1313607	1	0
1313609	0	0
1313611	0	0
1313613	0	0
1313619	0	0
1313621	0	0
1313623	0	1
1313626	-1	0
1313629	0	0
1313633	0	0
1313634	0	0
1313637	0	0
1313639	0	0
1313641	0	1
1313643	0	0
1313647	0	0
1313649	0	0
1313652	0	0
1313653	0	0
1313655	0	0
1313657	0	0
1313659	0	0
1313663	0	0
1313665	0	0
1313667	0	0
1313677	0	0
1313681	0	0
1313683	0	0

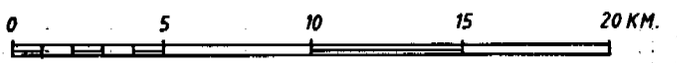
MOUNT FELIX EL 5477 GRAVEL SAMPLE FOLLOWUP RESULTS
: HINDRANCE CREEK AREA

Sample Number	No. of Chromites
762877	0
762878	0
762879	1
824672	0
824673	0
824674	0
824675	0
824676	0
824677	0
824678	1
824679	1
824680	0



AREA: 141 BLOCKS
467·697 sq. km.





CRA EXPLORATION PTY LIMITED

MOUNT FELIX
LOCATION PLAN

REFERENCE SD 53-9 KATHERINE	
SCALE 1:250,000	DATE OCT. 1989
AUTHOR	REPORT 16099
DRAWN SRJ	PLAN No NTd 4550

AUSTRALIA 1:100 000
TOPOGRAPHIC SURVEY

EVA VALLEY

NORTHERN TERRITORY

SERIES R621
SHEET 5469
EDITION 2 AAS

NATIONAL PARK RESERVE

BESWICK ABORIGINAL LAND

SEE FOLLOWUP GRAVEL SAMPLE LOCATION PLAN

SCALE 1:100 000

CONTOUR INTERVAL 20 METRES

ELEVATIONS IN METRES

LEGEND

MEAN TEMPERATURE RAINFALL KATHERINE

WATER GAUGE

INDEX TO ADJOINING MAPS

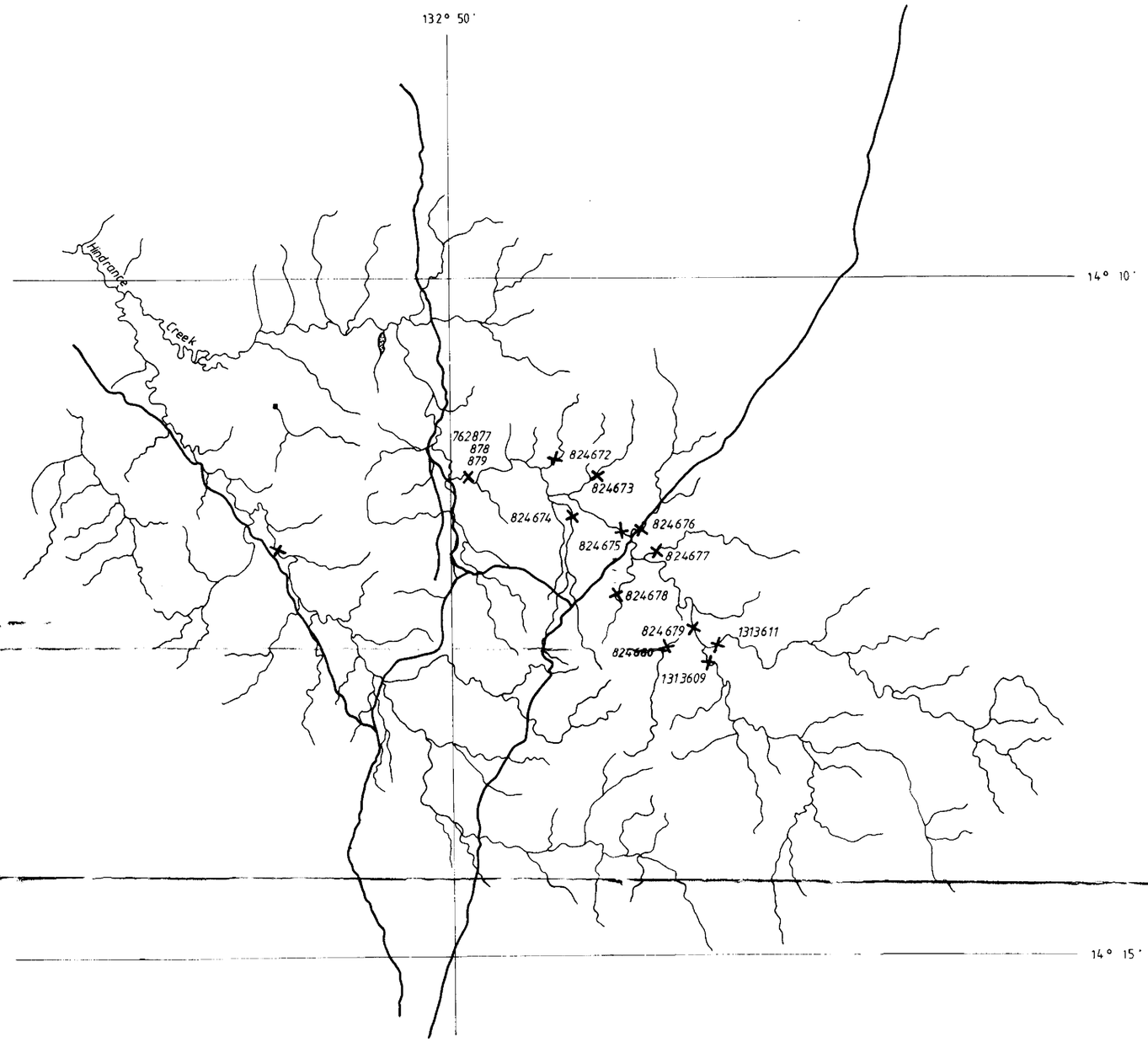
EVA VALLEY
NORTHERN TERRITORY
STOCK NO. R621X5469

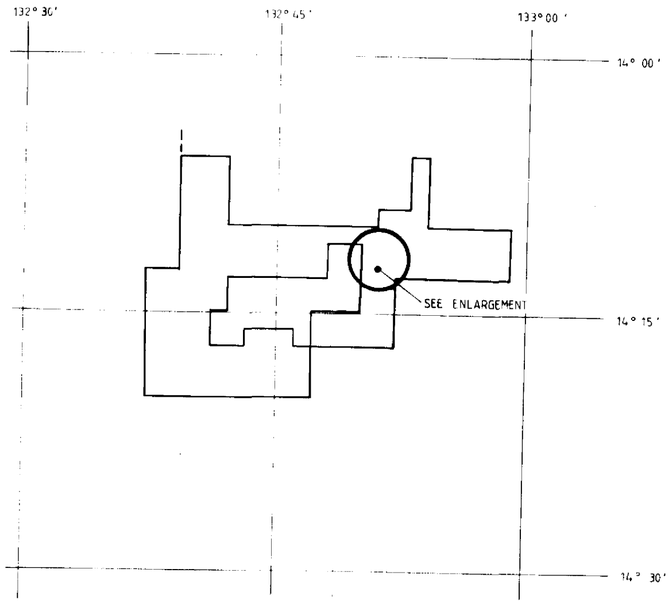
CRA EXPLORATION PTY LIMITED

EL 5477 - MT. FELIX

1988 RECONNAISSANCE GRAVEL
SAMPLE LOCATION PLAN

REFERENCE SD53-9 KATHERINE	
SCALE 1:100,000	DATE OCT 1989
AUTHOR BJG	REPORT 16099
DRAWN SRJ	PLAN No NTd 4750





CRA EXPLORATION PTY LIMITED

MT. FELIX NT EL5477

FOLLOWUP GRAVEL SAMPLE LOCATIONS HINDRANCE CREEK AREA

REFERENCE SD 53-9 KATHERINE	
SCALE 1:50 000	DATE OCT. 1989
AUTHOR HJR	REPORT 16099
DRAWN KCA	PLAN No NTd 4844

EVA CREEK

GN

ORIGINAL SAMPLE 1313618 = 0·03 ppm Au in - 80 +

5875 BLD 1·0 876 BLD 0·5 877 BLD —
4823 BLD 0·5 824 BLD BLD 825 BLD BLD 826 BLD —

ORIGINAL SAMPLE 1313651 = 0·386 ppm Au in-80 +

4705 BLD BLD 706 BLD 0·5 707 BLD BLD 708 BLD —
4701 BLD BLD 702 BLD BLD 703 BLD BLD 704 BLD —

5879 BLD 1·5 880 0·01 1·0 881 BLD 1·0 882 BLD —

4736 BLD 1·0 727 BLD BLD 728 BLD BLD 729 0·018 —
4710 BLD BLD 711 BLD 0·5 712 BLD BLD 713 0·0008 —
4731 BLD 0·5 732 BLD 1·0 733 BLD BLD 734 BLD —
4714 BLD 0·5 715 0·010 BLD 716 BLD 0·5 717 BLD
4718 BLD 1·0 719 BLD 0·5 720 BLD 0·5 721 BLD —
4735 BLD 1·0 737 BLD 1·5 738 BLD BLD 739 BLD —
4740 BLD 1·0 741 BLD 0·5 742 BLD BLD 743 BLD —
723 BLD 1·0 724 BLD BLD 725 BLD BLD 751 BLD —
4752 BLD 0·5 753 BLD 1·0 754 BLD BLD 755 BLD —
4757 BLD 0·5 758 BLD 0·5 759 BLD BLD 760 BLD —
4762 BLD BLD 763 BLD 0·5 764 BLD BLD 765 0·008 —
4768 BLD 0·5 769 BLD BLD 750 BLD BLD 776 BLD —
4774 BLD 1·0 745 BLD 1·0 746 BLD BLD 747 BLD —
4777 BLD BLD 778 BLD BLD 779 BLD BLD 780 BLD —

4810 BLD 0·5 811 0·013 BLD 812 BLD BLD 813 BLD —
4819 BLD 1·5 820 BLD BLD 821 BLD BLD 822 BLD —
4815 BLD 0·5 816 BLD BLD 817 BLD BLD 818 BLD —
5866 0·020 1·0 865 0·020 0·5 864 BLD 1·5 863 BLD —
5867 BLD BLD 868 BLD 0·5 869 BLD 1·0 870 BLD —
ORIGINAL SAMPLE 1313654 = 0·012 Au
5871 BLD 0·5 872 BLD BLD 873 BLD 0·5 874 BLD —
4805 BLD 1·0 806 BLD BLD 807 BLD BLD 808 BLD —
5859 BLD 0·5 860 BLD 861 BLD BLD —
5855 BLD 1·0 856 0·009 0·5 857 BLD 858 BLD

4827 BLD 0·5 828 0·057 BLD 829 BLD BLD 829 BLD BLD 830 BLD —
4832 BLD BLD 833 BLD BLD 834 BLD BLD 835 BLD —
5883 BLD 1·0 884 BLD BLD 885 BLD 1·0 886 BLD —
4844 BLD 0·5 845 BLD BLD 846 BLD BLD 847 BLD —
4836 BLD BLD 837 0·021 BLD 838 BLD BLD 839 BLD —
ORIGINAL SAMPLE 0·026 ppm Au in - 80 +
5887 BLD 1·0 888 BLD BLD 889 BLD BLD 890 BLD —
4868 BLD BLD 849 BLD BLD 850 BLD BLD 866 BLD —
5921 BLD 0·5 922 BLD BLD 923 BLD BLD 924 0·008 —

5933 BLD 0·5 934 BLD BLD 935 0·010 BLD 936 BLD —
4774 BLD BLD 775 BLD BLD 799 BLD 0·5 800 BLD —
4695 BLD BLD 896 BLD 0·5 897 BLD BLD 898 BLD —
4770 BLD 0·5 771 BLD BLD 772 BLD BLD 773 BLD —
4766 BLD BLD 767 BLD 0·5 768 BLD BLD 769 BLD —
5896 BLD BLD 897 BLD 0·5 898 BLD BLD 899 BLD —
5892 BLD 1·0 893 0·018 BLD 894 BLD BLD 895 BLD —
5937 BLD 0·5 938 BLD BLD 939 BLD BLD 940 0·034 —
5941 BLD BLD 942 BLD BLD 943 BLD BLD 944 0·008 —
4795 BLD BLD 796 BLD BLD 797 BLD 0·5 798 BLD —
4791 BLD BLD 792 BLD 0·5 793 BLD BLD 794 BLD —
4883 0·008 BLD 884 BLD 0·5 885 BLD BLD 886 BLD —
4891 BLD 0·5 892 BLD 1·0 893 BLD BLD 894 BLD —
4781 BLD BLD 782 BLD 1·0 783 BLD BLD 784 BLD —
4786 BLD BLD 787 BLD BLD 788 BLD 0·5 789 BLD —
4874 BLD 0·5 875 0·009 BLD 876 BLD BLD 877 BLD —
4869 BLD BLD 870 0·024 1·0 871 BLD BLD 872 BLD —
4879 BLD BLD 880 0·017 BLD 881 BLD BLD 882 BLD —
4887 BLD BLD 888 BLD 0·5 889 BLD BLD 890 BLD —
4857 BLD BLD 858 BLD BLD 859 BLD BLD 860 BLD —
4861 BLD BLD 862 BLD BLD 863 BLD BLD 864 BLD —
4807 BLD BLD 802 BLD BLD 803 0·015 BLD 804 BLD —
5851 BLD 1·0 852 BLD BLD 853 BLD BLD 854 BLD —
5929 BLD BLD 930 BLD BLD 931 BLD BLD 932 BLD —
5925 0·009 BLD 926 BLD BLD 927 BLD BLD 928 BLD —
5900 0·008 0·5 901 BLD 1·0 902 BLD BLD 903 BLD —
ORIGINAL SAMPLE 0·022 ppm Au (1313624) in 80 +
5945 BLD BLD 946 BLD 0·5 947 BLD BLD 948 0·014 —
4899 BLD BLD 900 BLD 0·5 5949 BLD BLD 950 BLD —

8436
35
34
33
14° 10'
32
31
8430
29
28
27
8426

77 78 79 80 81

LEGEND

Sample No.		Element	
4710 BLD BLD	- 20 + 40 +	Au	Ag
4711 BLD 0·5	- 40 + 80 +	Au	Ag
4712 BLD BLD	- 80 + 200 +	Au	Ag
4713 0.008	- 200 +	Au	Ag

DETECTION LIMIT & METHOD

Au 30g FIRE 0·008 ppm

Ag AAS 0·5ppm

BLD = BELOW LIMIT OF DETECTION
— = ELEMENT NOT ASSAYED
ALL RESULTS EXPRESSED IN ppm

Scale 1 : 20 000

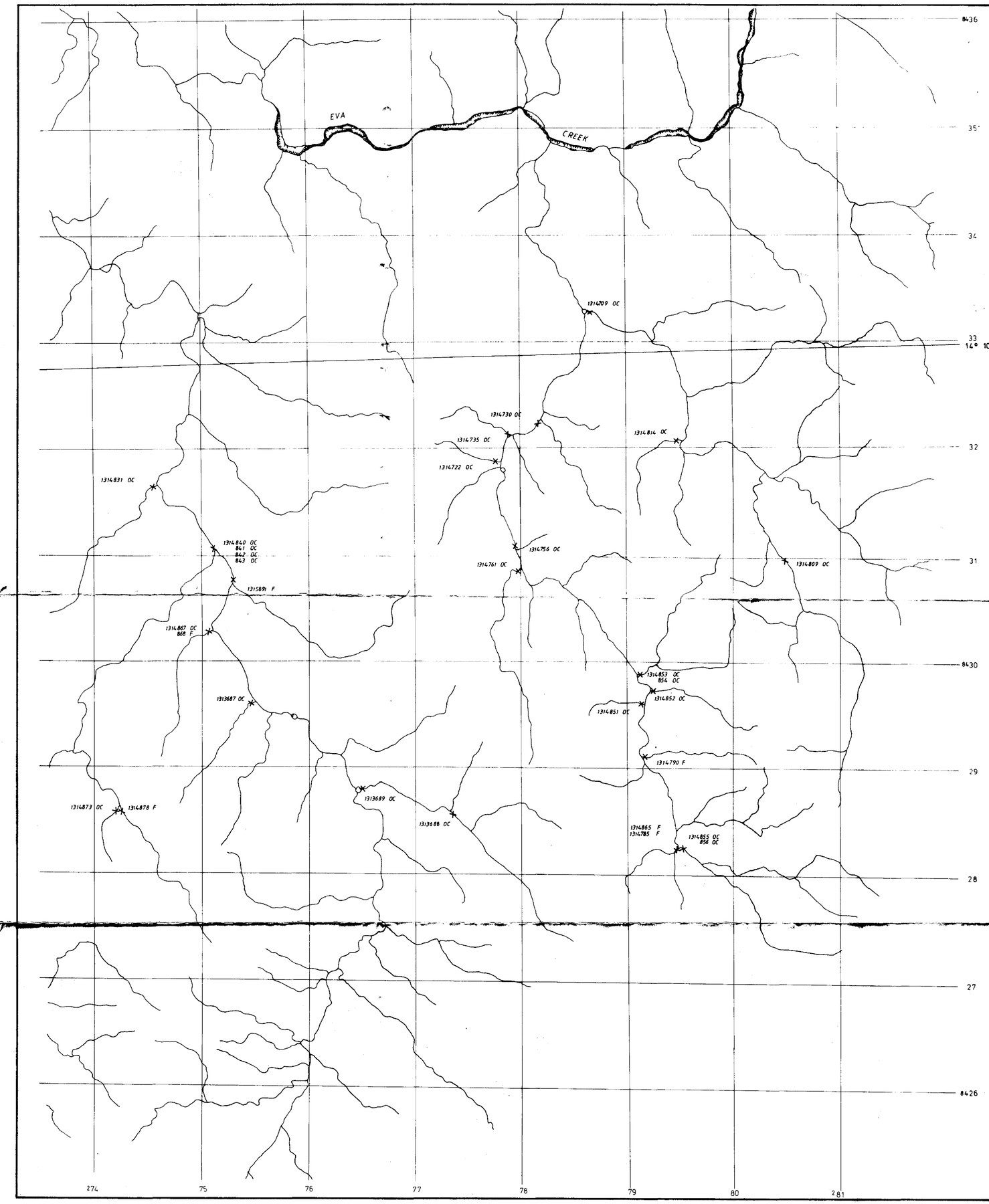
Kilometres 0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0

CRA EXPLORATION PTY LIMITED

MT. FELIX NT EL5477

MULTIFRACTION STREAM SEDIMENT GEOCHEMICAL RESULTS Au : Ag

REFERENCE SD 53-9 KATHERINE	
SCALE Approx. 1:20 000	DATE OCT 1989
AUTHOR BJG/HJR	REPORT 16099
DRAWN KCP	PLAN No NTd 4845



GN

Sample Number	Sample Width	Sample Type	Pb	Zn	Cu	Ni	Co	Cr	Mo	W	Sn	As	Ag	Au	Mn	V	Sb	Te	U	Th	Nb
			Metal Content, p.p.m.																		
1314790	–	F	BLD	5	5	5	BLD	30	BLD	BLD	4	3	BLD	BLD	60	BLD	BLD	0·1	1	30	BLD
1315891		F	5	15	340	BLD	BLD	20	BLD	BLD	BLD	7	0·5	0·010	225	30	0·5	0·1	2	50	3
1314709		OC	BLD	30	5	BLD	BLD	BLD	BLD	BLD	5	BLD	BLD	0·008	320	BLD	BLD	0·1	2	55	15
1314722		OC	5	35	20	10	BLD	10	4	BLD	5	2	BLD	BLD	850	40	BLD	0·1	2	70	15
1314730		OC	BLD	65	5	5	BLD	BLD	3	BLD	10	1	BLD	BLD	370	10	BLD	0·1	2	75	10
1314735		OC	25	65	20	BLD	BLD	BLD	3	BLD	3	4	BLD	0·013	450	10	BLD	0·1	2	55	15
1314756		OC	BLD	40	5	5	BLD	BLD	BLD	BLD	3	BLD	BLD	BLD	255	20	BLD	0·1	2	60	10
1314761		OC	BLD	50	5	10	BLD	15	BLD	BLD	BLD	BLD	BLD	0·010	145	20	BLD	0·1	2	70	15
1314785		F	BLD	15	10	10	BLD	15	4	BLD	10	40	BLD	0·051	20	500	BLD	0·1	BLD	20	10
1314865		F	BLD	15	10	BLD	BLD	60	10	BLD	15	90	BLD	0·012	35	1750	BLD	0·1	1	65	10
1314809		OC	5	55	10	5	BLD	15	3	BLD	BLD	2	BLD	BLD	570	20	BLD	BLD	2	70	15
1314814		OC	25	10	10	BLD	BLD	155	20	BLD	4	350	BLD	BLD	155	4250	BLD	0·2	BLD	BLD	5
1314831		OC	10	75	10	5	BLD	10	5	BLD	BLD	3	BLD	0·011	700	30	BLD	0·1	3	55	15
1314840		OC	BLD	10	10	5	BLD	50	BLD	BLD	BLD	2	BLD	0·011	345	10	0·5	BLD	BLD	30	BLD
1314841		OC	5	10	30	5	BLD	20	BLD	BLD	7	9	BLD	0·021	150	10	0·5	BLD	BLD	25	BLD
1314842		OC	BLD	10	45	5	BLD	10	BLD	BLD	5	2	BLD	0·130	280	10	1·0	BLD	BLD	25	3
1314843		OC	5	10	15	5	BLD	25	3	BLD	3	4	BLD	0·015	520	20	0·5	BLD	BLD	20	3
1314851		OC	10	25	5	10	BLD	BLD	BLD	BLD	9	2	BLD	BLD	130	10	BLD	BLD	3	75	10
1314852		OC	5	25	5	20	BLD	BLD	BLD	BLD	8	1	BLD	BLD	130	20	BLD	0·1	3	65	15
1314853		OC	5	15	5	5	BLD	BLD	5	BLD	7	6	BLD	BLD	60	20	BLD	0·1	2	65	15
1314854		OC	5	5	BLD	BLD	BLD	40	BLD	BLD	BLD	BLD	BLD	BLD	90	10	BLD	BLD	BLD	30	5
1314855		OC	BLD	15	15	BLD	BLD	BLD	BLD	BLD	5	3	BLD	0·033	40	10	BLD	BLD	4	50	15
1314856		OC	BLD	25	25	BLD	BLD	BLD	BLD	BLD	BLD	2	BLD	BLD	90	20	BLD	BLD	4	40	15
1314867		OC	BLD	5	5	BLD	BLD	BLD	4	BLD	15	3	0·5	BLD	40	40	BLD	BLD	1	60	70
1314868		F	BLD	15	5	BLD	BLD	BLD	BLD	BLD	10	2	0·5	BLD	110	20	BLD	BLD	3	60	10
1314873		OC	40	20	20	BLD	BLD	10	4	BLD	BLD	1	0·5	BLD	70	20	BLD	BLD	2	60	10
1314878		F	5	10	10	BLD	BLD	45	5	BLD	3	37	BLD	BLD	20	550	BLD	0·1	3	60	6
1313687		OC	5	85	25	210	5	BLD	BLD	BLD	15	1·0	0·5	0·025	900	40	0·5	0·1	3	75	15
1313688		OC	BLD	50	5	5	BLD	15	4	BLD	BLD	1·0	BLD	0·037	325	10	BLD	0·1	2	65	15
1313689 (p.p.m.)		OC	10	75	15	BLD	BLD	5	BLD	20	3	1·0	BLD	BLD	200	BLD	BLD	0·1	2	60	15

LEGEND

OC GRAB OUTCROP
F FLOAT

Scale 1: 20 000

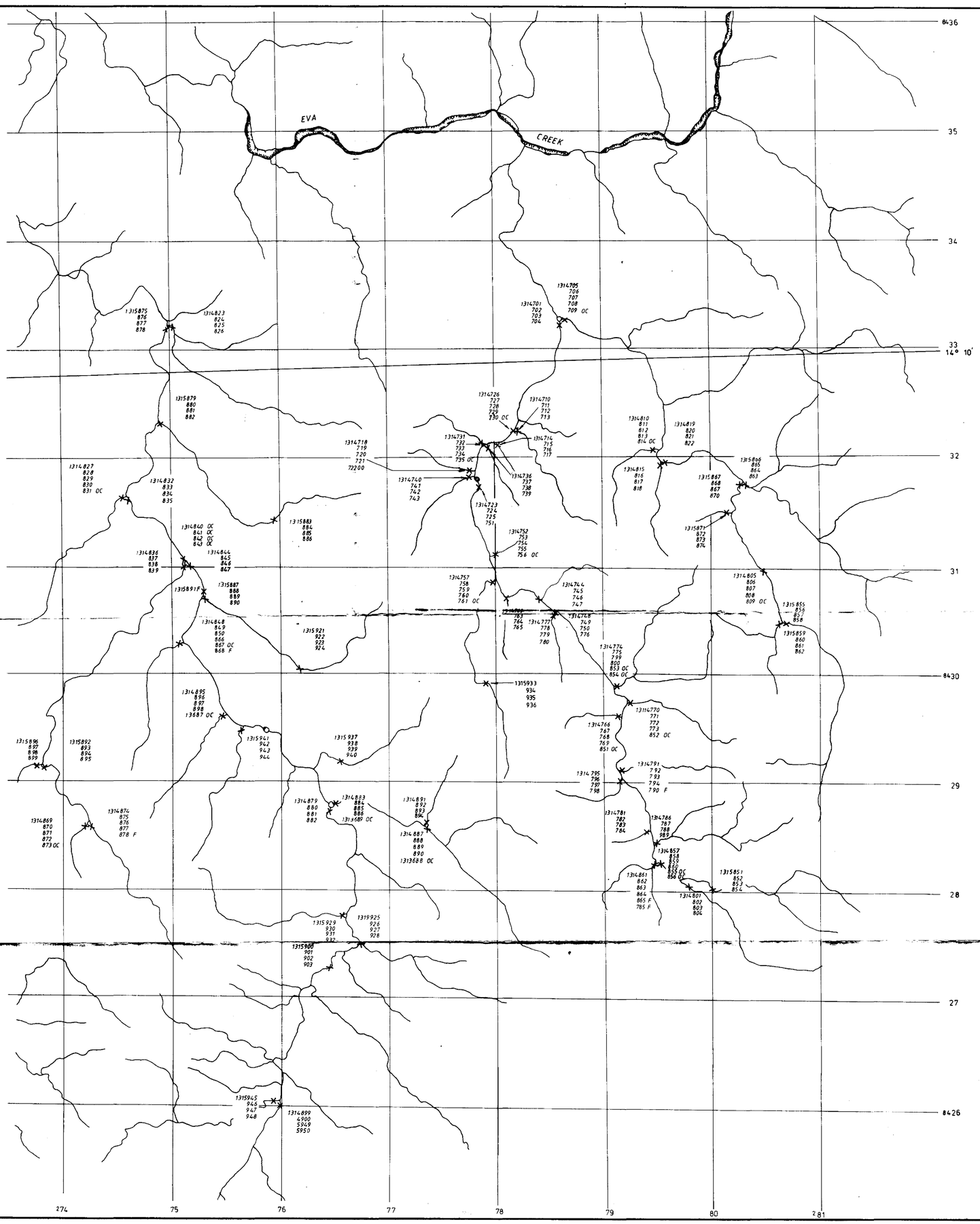
Kilometres 0 0·2 0·4 0·6 0·8 1·0 1·2 1·4 1·6 1·8 2·0

CRA EXPLORATION PTY. LIMITED

MT. FELIX NT EL5477

ROCK-FLOAT & OUTCROP ASSAY RESULTS

REFERENCE SD. 53	KATHERINE
SCALE Approx. 1: 20 000	DATE OCT 1989
AUTHOR BJGI H.J.	REPORT 16099
DRAWN KCP	FILE No. 4846



GN

LEGEND

MULTIFRACTION STREAM SEDIMENT SITE

1314701	20 # + 40 #	SAMPLE NUMBER
702	40 # + 80 #	SAMPLE NUMBER
703	80 # + 200 #	SAMPLE NUMBER
704	200 #	SAMPLE NUMBER

ROCK SAMPLES 867 OC OUTCROP GRAB SAMPLE
868 F FLOAT SAMPLE

(NOT TAKEN AT EVERY SITE)

Scale 1 : 20 000

Kilometres 0 0·2 0·4 0·6 0·8 1·0 1·2 1·4 1·6 1·8 2·0

ERA EXPLORATION PTY LIMITED

MT. FELIX NT EL5477
EASTERN FOLLOW UP AREA
STREAM SEDIMENT AND FLOAT/OUTCROP SAMPLE LOCATION PLAN

REFERENCE SD. 53 - D	KATHERINE
SCALE Approx. 1:20 000	DATE OCT 1989
AUTHOR BJG / WJB	REPORT 16099
DRAWN KCA	PLAN No NTd 4847